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$$\begin{aligned}
& \mathbb{E}_{\mathbf{v}_n} \quad \tilde{\Phi} \text{ à CPO/NPO} \quad \text{à} \quad \sim \\
= & \quad \text{à} \quad \sim \quad \tilde{\Phi} \quad \text{à} \quad \sim \quad \text{à} \\
& \quad \quad \quad \hat{i} \quad \tilde{\Phi} \quad \hat{A} \quad \mathbb{E}_{\mathbf{v}_n} \\
& \quad \text{à} \quad \hat{v} \quad \sim \quad \text{à} \quad \sim \quad \mathbb{E}_{\mathbf{v}_n} \quad \text{à} \\
& \quad \quad \quad \sim \quad \text{à} \quad \text{à} \quad \text{à} \quad \mathbb{E}_{\mathbf{v}_n} \\
& \quad \hat{Y} \quad \sim \quad \mathbb{E}_{\mathbf{v}_n} \quad \text{à} \quad \text{à} \quad \hat{A}
\end{aligned}$$

6.

$$\begin{array}{ccccccc} \mathbb{E}_n & & 1 & & \mathbb{N}_0 & & 1 \\ & & & & & & \\ & 1 & 1 & & & & \\ & & & & \mathbb{E}_n & \Psi & \hat{A} \end{array}$$

7.

$$0 \leq t \leq T$$

E _u	H ₂ Ψ	N ₂	Ψ ⁺	1,090,825,093	Ψ
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	E _u ä	Ψ	39
	H		43
E	1 u ü		47
	γ		55
ñ	μ		56

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1. E_{ν_e} $\rightarrow$ h ψ $\rightarrow$ ψ h $\rightarrow$ $\hat{A}$
2. ψ $\rightarrow$ ψ E $\rightarrow$ E_{ν_e} $\rightarrow$ ψ E $\rightarrow$ $\hat{A}$
3. E_{ν_e} $\rightarrow$ 2026 $\rightarrow$ $\hat{A}$
4. $\hat{A}$ $\rightarrow$ $\hat{A}$

$$\begin{array}{ccccccc} \begin{array}{c} \circ \\ \circ \\ \circ \end{array} & & \mathbb{D} & & ' & & 'E_{\text{vis}} \end{array}$$

[illegible]

Mux/Demux		№ / Ә
TO		Transmitter Optical Қ
BOX		Ү Г Қ Ә
MT		Mechanical Transfer IEC61754-18
PM		Polarization Maintaining Ә
Optical Filter		Қ Қ
Filter Block		Қ Қ Ә
WDM		Wavelength Division Multiplexing № Ә
MWDM		№
CPO		Co-packaged optics Қ "
NPO		Near-packaged optics Қ
PSM		Parallel Single Mode 1 Қ
4G		"
5G		"
		М Ү internet Қ ă ă
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Қ		2025 1 1 2025 6 30

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E	^	~	Suzhou TFC Optical Communication Co.,Ltd.
E	^		TFC
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	1 695	1 695
	0512-66905892	0512-66905892
	0512-66256801	0512-66256801
	zhengquan@tfcsz.com	zhengquan@tfcsz.com

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^ ~	2,827,938,748.37	2,455,890,299.50	2,455,890,299.50	15.15%
α ₁ E _u	1,204,285,104.14	899,241,294.92	899,241,294.92	33.92%
α ₂ E _u	1,186,263,481.07	867,385,099.27	867,385,099.27	36.76%
⊙	1,000,881,668.42	608,178,009.04	608,178,009.04	64.57%
~ ^ /	1.1057	1.1580	0.8279	33.55%
~ ^ /				

$\mathbb{N}_e^{\sim}$	-2,694,918.21	$\ddot{a}$
$\mathbb{P}$ $\ddot{a}$ $\ddot{a}$ $\mathbb{E}_{\text{m}}$	20,298,645.63	$\ddot{i}$
$\mathbb{E}_{\text{m}}$ $\ddot{u}$ $\mathbb{E}$ $\mathbb{E}$ 1 $\mathbb{E}$	4,233,840.86	$\mathbb{E}$ $\mathbb{E}$ 1 $\mathbb{E}$
$\ddot{i}$	-557,441.28	$\mathbb{E}$
$\mathbb{E}$	3,258,503.93	
	18,021,623.07	

i

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$$\begin{array}{ccccccc} \mathbb{E}_n & \mathfrak{B} & \mathfrak{I} & & \mathfrak{I} & \hat{A} & \\ & \hat{e} \mathbb{E} & \mathbb{E}_n & \mathbb{E} & 1_n & \text{---} & \mathfrak{I} \end{array}$$

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$$E_{\nu_n} \quad b \quad \hat{e} \quad E \quad \hat{A} \quad E_{\nu_n} \quad E \quad 1_{\nu_n} \quad \text{---} \quad \tilde{I} \quad \psi$$



№

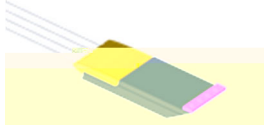
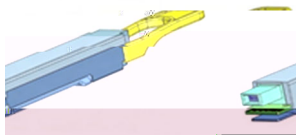
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* Gartner, Inc.

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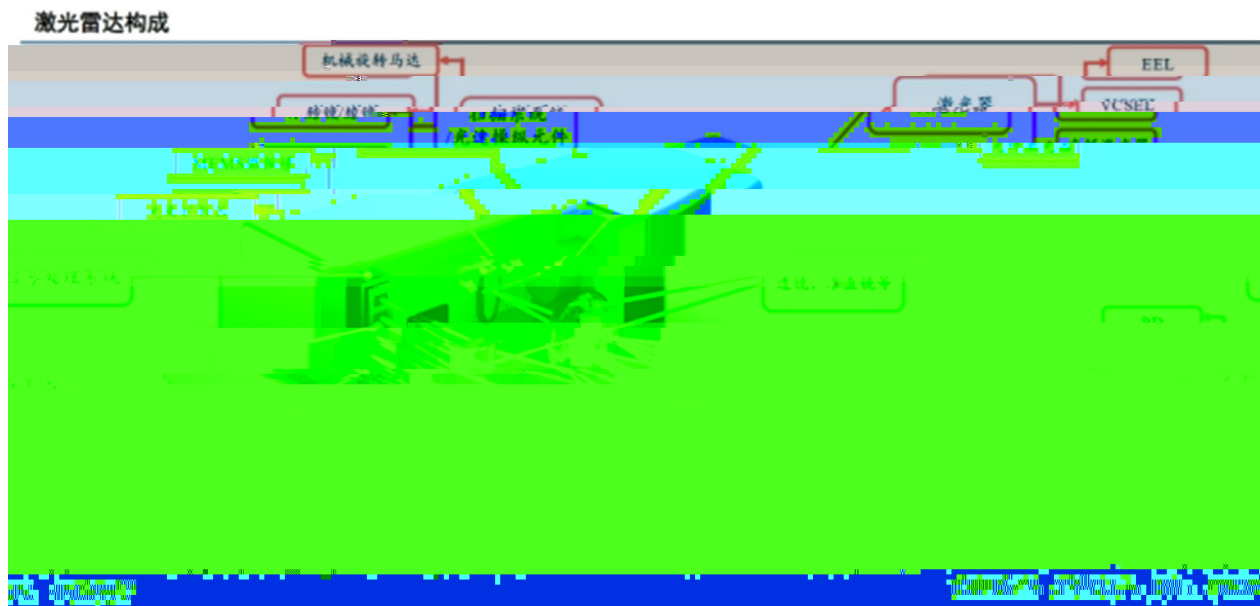
1.6T 3.2T 5T 7T 9T 11T 13T 15T 17T 19T 21T 23T 25T 27T 29T 31T 33T 35T 37T 39T 41T 43T 45T 47T 49T 51T 53T 55T 57T 59T 61T 63T 65T 67T 69T 71T 73T 75T 77T 79T 81T 83T 85T 87T 89T 91T 93T 95T 97T 99T 101T 103T 105T 107T 109T 111T 113T 115T 117T 119T 121T 123T 125T 127T 129T 131T 133T 135T 137T 139T 141T 143T 145T 147T 149T 151T 153T 155T 157T 159T 161T 163T 165T 167T 169T 171T 173T 175T 177T 179T 181T 183T 185T 187T 189T 191T 193T 195T 197T 199T 201T 203T 205T 207T 209T 211T 213T 215T 217T 219T 221T 223T 225T 227T 229T 231T 233T 235T 237T 239T 241T 243T 245T 247T 249T 251T 253T 255T 257T 259T 261T 263T 265T 267T 269T 271T 273T 275T 277T 279T 281T 283T 285T 287T 289T 291T 293T 295T 297T 299T 301T 303T 305T 307T 309T 311T 313T 315T 317T 319T 321T 323T 325T 327T 329T 331T 333T 335T 337T 339T 341T 343T 345T 347T 349T 351T 353T 355T 357T 359T 361T 363T 365T 367T 369T 371T 373T 375T 377T 379T 381T 383T 385T 387T 389T 391T 393T 395T 397T 399T 401T 403T 405T 407T 409T 411T 413T 415T 417T 419T 421T 423T 425T 427T 429T 431T 433T 435T 437T 439T 441T 443T 445T 447T 449T 451T 453T 455T 457T 459T 461T 463T 465T 467T 469T 471T 473T 475T 477T 479T 481T 483T 485T 487T 489T 491T 493T 495T 497T 499T 501T 503T 505T 507T 509T 511T 513T 515T 517T 519T 521T 523T 525T 527T 529T 531T 533T 535T 537T 539T 541T 543T 545T 547T 549T 551T 553T 555T 557T 559T 561T 563T 565T 567T 569T 571T 573T 575T 577T 579T 581T 583T 585T 587T 589T 591T 593T 595T 597T 599T 601T 603T 605T 607T 609T 611T 613T 615T 617T 619T 621T 623T 625T 627T 629T 631T 633T 635T 637T 639T 641T 643T 645T 647T 649T 651T 653T 655T 657T 659T 661T 663T 665T 667T 669T 671T 673T 675T 677T 679T 681T 683T 685T 687T 689T 691T 693T 695T 697T 699T 701T 703T 705T 707T 709T 711T 713T 715T 717T 719T 721T 723T 725T 727T 729T 731T 733T 735T 737T 739T 741T 743T 745T 747T 749T 751T 753T 755T 757T 759T 761T 763T 765T 767T 769T 771T 773T 775T 777T 779T 781T 783T 785T 787T 789T 791T 793T 795T 797T 799T 801T 803T 805T 807T 809T 811T 813T 815T 817T 819T 821T 823T 825T 827T 829T 831T 833T 835T 837T 839T 841T 843T 845T 847T 849T 851T 853T 855T 857T 859T 861T 863T 865T 867T 869T 871T 873T 875T 877T 879T 881T 883T 885T 887T 889T 891T 893T 895T 897T 899T 901T 903T 905T 907T 909T 911T 913T 915T 917T 919T 921T 923T 925T 927T 929T 931T 933T 935T 937T 939T 941T 943T 945T 947T 949T 951T 953T 955T 957T 959T 961T 963T 965T 967T 969T 971T 973T 975T 977T 979T 981T 983T 985T 987T 989T 991T 993T 995T 997T 999T 1001T 1003T 1005T 1007T 1009T 1011T 1013T 1015T 1017T 1019T 1021T 1023T 1025T 1027T 1029T 1031T 1033T 1035T 1037T 1039T 1041T 1043T 1045T 1047T 1049T 1051T 1053T 1055T 1057T 1059T 1061T 1063T 1065T 1067T 1069T 1071T 1073T 1075T 1077T 1079T 1081T 1083T 1085T 1087T 1089T 1091T 1093T 1095T 1097T 1099T 1101T 1103T 1105T 1107T 1109T 1111T 1113T 1115T 1117T 1119T 1121T 1123T 1125T 1127T 1129T 1131T 1133T 1135T 1137T 1139T 1141T 1143T 1145T 1147T 1149T 1151T 1153T 1155T 1157T 1159T 1161T 1163T 1165T 1167T 1169T 1171T 1173T 1175T 1177T 1179T 1181T 1183T 1185T 1187T 1189T 1191T 1193T 1195T 1197T 1199T 1201T 1203T 1205T 1207T 1209T 1211T 1213T 1215T 1217T 1219T 1221T 1223T 1225T 1227T 1229T 1231T 1233T 1235T 1237T 1239T 1241T 1243T 1245T 1247T 1249T 1251T 1253T 1255T 1257T 1259T 1261T 1263T 1265T 1267T 1269T 1271T 1273T 1275T 1277T 1279T 1281T 1283T 1285T 1287T 1289T 1291T 1293T 1295T 1297T 1299T 1301T 1303T 1305T 1307T 1309T 1311T 1313T 1315T 1317T 1319T 1321T 1323T 1325T 1327T 1329T 1331T 1333T 1335T 1337T 1339T 1341T 1343T 1345T 1347T 1349T 1351T 1353T 1355T 1357T 1359T 1361T 1363T 1365T 1367T 1369T 1371T 1373T 1375T 1377T 1379T 1381T 1383T 1385T 1387T 1389T 1391T 1393T 1395T 1397T 1399T 1401T 1403T 1405T 1407T 1409T 1411T 1413T 1415T 1417T 1419T 1421T 1423T 1425T 1427T 1429T 1431T 1433T 1435T 1437T 1439T 1441T 1443T 1445T 1447T 1449T 1451T 1453T 1455T 1457T 1459T 1461T 1463T 1465T 1467T 1469T 1471T 1473T 1475T 1477T 1479T 1481T 1483T 1485T 1487T 1489T 1491T 1493T 1495T 1497T 1499T 1501T 1503T 1505T 1507T 1509T 1511T 1513T 1515T 1517T 1519T 1521T 1523T 1525T 1527T 1529T 1531T 1533T 1535T 1537T 1539T 1541T 1543T 1545T 1547T 1

$$\hat{H} \sim E_{\nu}^{\alpha} \quad \beta \quad \beta$$

1. $\nabla \cdot \varepsilon$

$$\hat{1} \sim^{qp} N_0$$

$\tilde{\omega} \in \mathbb{R}^n$
 $\cup \{0\}$
7
 $\hat{A}$
3

[illegible]
$$\hat{2}^{\sim} \quad \beta$$
[illegible]
$$1 \stackrel{\alpha_0}{\rightarrow} \mathbb{A}^1 \rightarrow \mathbb{A}^1 \times \mathbb{A}^1 \rightarrow \mathbb{A}^1 \rightarrow 1$$

Component	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6
AWG	Port 1	Port 2		<2.0dB	>30dB	
	Port 2			<0.3dB	>30dB	
OSA	Port 1	100G		<2.5dB	>30dB	
BOX	Port 1	1.6T		<2.5dB	>30dB	
WDM	Port 1	Port 2		<0.8dB	>30dB	
Optical Filter	Port 1	Port 2		<0.4dB	>30dB	
Filter Block	Port 1	Port 2		<0.8dB	>30dB	

$$\begin{array}{ccccc} \mathbb{H} & & \mathbb{H} & & \mathbb{H} \\ \square & & \square & & \square \end{array}$$

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Filter Block				

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WDM	᠓				
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[illegible]

$$\begin{aligned} & \hat{E}_n \quad \hat{A} \quad \hat{E}_n \quad N_0 \quad G \\ & \hat{F} \quad \hat{I} \quad = \quad \hat{t} \quad \hat{q} \quad \hat{A} \\ & \hat{E}_n \quad 1 \quad \hat{t} \quad \hat{p} \quad \hat{a} \quad \hat{D} \quad \hat{a} \quad \hat{a} \quad \hat{M} \quad \hat{a} \quad G \quad L \\ & \hat{A} \hat{E}_n \quad \hat{a} \quad \hat{a} \quad \hat{q} \hat{E}_n \quad \hat{b} \quad \hat{A} \hat{E}_n \\ & \hat{t} \pi \quad \hat{t} \hat{E}_n \quad \beta \hat{a} \quad \hat{\gamma} \hat{A} \hat{E}_n \\ & 1 \quad \hat{t} \quad \hat{A} \end{aligned}$$

ҚАЗАҚСТАН РЕСПУБЛИКАСЫ АТҚАНА	ҚАЗАҚСТАН РЕСПУБЛИКАСЫ АТҚАНА	ҚАЗАҚСТАН РЕСПУБЛИКАСЫ АТҚАНА	ҚАЗАҚСТАН РЕСПУБЛИКАСЫ АТҚАНА	ҚАЗАҚСТАН РЕСПУБЛИКАСЫ АТҚАНА	ҚАЗАҚСТАН РЕСПУБЛИКАСЫ АТҚАНА	ҚАЗАҚСТАН РЕСПУБЛИКАСЫ АТҚАНА	ҚАЗАҚСТАН РЕСПУБЛИКАСЫ АТҚАНА
№	ҚАЗАҚСТАН РЕСПУБЛИКАСЫ АТҚАНА	ҚАЗАҚСТАН РЕСПУБЛИКАСЫ АТҚАНА	ҚАЗАҚСТАН РЕСПУБЛИКАСЫ АТҚАНА	ҚАЗАҚСТАН РЕСПУБЛИКАСЫ АТҚАНА	ҚАЗАҚСТАН РЕСПУБЛИКАСЫ АТҚАНА	ҚАЗАҚСТАН РЕСПУБЛИКАСЫ АТҚАНА	ҚАЗАҚСТАН РЕСПУБЛИКАСЫ АТҚАНА
ҚАЗАҚСТАН РЕСПУБЛИКАСЫ АТҚАНА	1,530,364,516.33	430,094,548.84	71.90%	77.40%	36.87%	8.33%	
ҚАЗАҚСТАН РЕСПУБЛИКАСЫ АТҚАНА	1,259,923,042.78	667,401,874.53	47.03%	-19.57%	-24.78%	3.67%	

ҚАЗАҚСТАН РЕСПУБЛИКАСЫ АТҚАНА 4. — ҚАЗАҚСТАН РЕСПУБЛИКАСЫ АТҚАНА

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ҚАЗАҚСТАН РЕСПУБЛИКАСЫ АТҚАНА	h	ҚАЗАҚСТАН РЕСПУБЛИКАСЫ АТҚАНА	ҚАЗАҚСТАН РЕСПУБЛИКАСЫ АТҚАНА	ҚАЗАҚСТАН РЕСПУБЛИКАСЫ АТҚАНА
ҚАЗАҚСТАН РЕСПУБЛИКАСЫ АТҚАНА	14,963,861	1,595,122,181.17	1,558,463,293.12	
ҚАЗАҚСТАН РЕСПУБЛИКАСЫ АТҚАНА	36,239,637	30,663,808.15	28,288,582.14	

1 1 ҚАЗАҚСТАН РЕСПУБЛИКАСЫ АТҚАНА

2026 ҚАЗАҚСТАН РЕСПУБЛИКАСЫ АТҚАНА 8,584.65 Â

h ҚАЗАҚСТАН РЕСПУБЛИКАСЫ АТҚАНА

ҚАЗАҚСТАН РЕСПУБЛИКАСЫ АТҚАНА

ҚАЗАҚСТАН РЕСПУБЛИКАСЫ АТҚАНА 55.32% Â

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	2,905,778,868.53	38.30%	2,996,657,642.69	46.46%	-8.16%	
	1,451,772,964.98	19.13%	1,121,985,328.51	17.40%	1.73%	
	928,830,690.11	12.24%	457,195,929.70	7.09%	5.15%	
	11,917,614.81	0.16%	9,305,210.49	0.14%	0.02%	
ᑭ	1,273,338,195.44	16.78%	1,115,188,623.61	17.29%	-0.51%	
	120,543,923.79	1.59%	202,951,337.39	3.15%	-1.56%	
ᑭ	3,204,534.59	0.04%	4,005,668.21	0.06%	-0.02%	
	112,080,142.55	1.48%	160,561,056.09	2.49%	-1.01%	
	1,952,950.39	0.03%	2,809,445.73	0.04%	-0.01%	
ᑭ	272,166,569.86	3.59%	210,053,444.45	3.26%	0.33%	
	95,547,995.56	1.26%	20,774,384.67	0.32%	0.94%	

		E E 1	E				᠒ 1	
			E 1					
1.								
᠒	210,053,444.45	2,166,569.86			2,141,635,000.00	2,081,688,444.45		272,166,569.86
᠒	210,053,444.45	2,166,569.86			2,141,635,000.00	2,081,688,444.45		272,166,569.86
	16,802,959.69				490,898,440.48	499,990,957.50		7,710,442.67
᠒	226,856,404.14	2,166,569.86			2,632,533,440.48	2,581,679,401.95		279,877,012.53
	0.00	0.00	0.00					

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ᑃ	210,053, 444.45	288,569. 86		1,120,00 0,000.00	1,330,05 3,444.45			288,569. 86	
ᑃ		1,878,00 0.00		1,021,63 5,000.00	751,635, 000.00			271,878, 000.00	
	210,053, 444.45	2,166,56 9.86	0.00	2,141,63 5,000.00	2,081,68 8,444.45	0.00	0.00	272,166, 569.86	--

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18,424,753 ᐃ

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	$\hat{A} \hat{Y} \text{ ч}$ $\hat{E}_m$
$\hat{A}$	$\hat{E}_m$
$\hat{A}$	$\hat{E}_m$
$\hat{A}$	$\hat{E}_m$

$$\hat{3}^1$$

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$$\mathbb{E}_{\mathbf{x}_n} \quad \mathfrak{b} \quad 1 \quad \hat{A}$$

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 $\hat{1}^{\sim}$

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 $\gamma \beta'$

...	...	...	...
...	...	27,000	0

Ученые считают, что в будущем человечество сможет использовать энергию звезд и планет для своих нужд. Это позволит решить проблему энергетического кризиса и обеспечить устойчивое развитие цивилизации.

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 $\gamma \beta'$

0 ^ 0 ~	0 ^ 0 ~		0							0 ^ 0 ~
E 0 ~		0 ^ 0 ~	0	10,000	2025 12 22	2026 01 16	0 ^ 0 ~	13.89		0 ^ 0 ~

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ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ		ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ		10,000	2026 03 17	2026 04 17	ᠡᠭᠡᠨ ᠡᠭᠡᠨ	17.08		
ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ		ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ		10,000	2026 04 03	2026 04 30	ᠡᠭᠡᠨ ᠡᠭᠡᠨ	15.38		

		ᠢᠰᠦᠨ ᠢᠰᠦᠨ ᠢᠰᠦᠨ ᠢᠰᠦᠨ ᠢᠰᠦᠨ ᠢᠰᠦᠨ ᠢᠰᠦᠨ ᠢᠰᠦᠨ ᠢᠰᠦᠨ ᠢᠰᠦᠨ								
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ᠡᠭᠡᠨ ᠨᠡᠭᠡᠨ ᠨᠡᠭᠡᠨ		ᠢᠰᠦᠨ ᠢᠰᠦᠨ ᠢᠰᠦᠨ ᠢᠰᠦᠨ ᠢᠰᠦᠨ ᠢᠰᠦᠨ ᠢᠰᠦᠨ ᠢᠰᠦᠨ ᠢᠰᠦᠨ ᠢᠰᠦᠨ	ᠡ	10,000	2026 04 27	2026 05 27	ᠢᠰᠦᠨ ᠡ	15.92		
ᠡᠭᠡᠨ ᠨᠡᠭᠡᠨ ᠨᠡᠭᠡᠨ		ᠢᠰᠦᠨ ᠢᠰᠦᠨ ᠢᠰᠦᠨ ᠢᠰᠦᠨ ᠢᠰᠦᠨ ᠢᠰᠦᠨ ᠢᠰᠦᠨ ᠢᠰᠦᠨ ᠢᠰᠦᠨ ᠢᠰᠦᠨ	ᠡ	10,000	2026 05 20	2026 06 07	ᠢᠰᠦᠨ ᠡ	9.55		

		ᠢᠰᠦᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠢᠰᠦᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ								
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ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ		ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ		13,520	2026 06 08	2026 08 31	ᠡᠭᠡᠨ ᠡᠭᠡᠨ			
ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ		ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ ᠡᠭᠡᠨ		13,480	2026 06 15	2026 09 30	ᠡᠭᠡᠨ ᠡᠭᠡᠨ			

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$$\square \quad \mathfrak{b} \quad \mathbb{E}_{\mathbf{v}_H} \quad \mathbf{a} \rho \quad \hat{A}$$

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$\tilde{\eta} \approx h$ E_{vib} N_0

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$$h \quad E_{\tau_1} \quad \tilde{v} \quad E_{\tau_2} \quad 10\% \quad E_{\tau_3}$$
 $\gamma \beta'$ [illegible]
$$\mathfrak{D} \quad \quad \quad \mathfrak{E}_{\mathfrak{v}i}$$

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$$E_{\nu} \approx E_{\nu}^{\text{th}} + \frac{1}{2} \hbar \omega_{\text{ph}} \quad (1)$$
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[illegible]

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[illegible]

$$4 \, \tilde{a} \, \Psi \, \tilde{\tau} \, \mathfrak{b} \, \mathfrak{E} \, \mathcal{H}$$

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$$6 \text{ à } 'E_n \quad \text{à} \quad 'E_n \text{ à } 'E_n$$
[illegible]

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$$\square \qquad \mathfrak{b} \qquad \qquad \qquad \mathfrak{i} \qquad \qquad \mathfrak{z} \qquad \qquad \hat{A}$$

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$$1 \quad \mathbb{A} \quad \mathbb{A} \quad \mathbb{H}$$
 $\hat{1}^{\sim}$
$$\begin{array}{ccc} \square & \mathfrak{b} & \\ \mathbb{E}_{\mathfrak{u}} & \mathfrak{b} & \hat{A} \end{array}$$
 $\hat{2}^{\sim}$
$$\begin{array}{ccc} \square & \mathfrak{b} & \\ \mathbb{E}_{\mathbf{v}_H} & \mathfrak{b} & \hat{A} \end{array}$$
³

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	2023	7	~ E _m	E _m	Ö ^ ~	E _m t	E _m	~
i β G			5 _m	1	G	¶ 5	à H ₂	¶ 172.75
~ ~	z ₂ , z ₃	ä	¶ 190.02		^ ~ ~	¶ 209.02	^ ~ Â	
°°			E _m	Â				

$$q_p \rightarrow \infty \quad \text{as} \quad \epsilon \rightarrow 0 \quad \text{and} \quad \hat{A} \rightarrow 0$$

$\Psi(E_{\text{res}})$
 E_{res}
10%

□ $\mathfrak{b}$

$\mathbb{E}_n$ $\mathfrak{b}$ $\mathfrak{q}$ $\mathbb{E}_n$ $\mathbb{E}_n$ 10% $\odot$ $\hat{A}$

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$$\begin{array}{ccc} \square & \mathfrak{b} & \\ \mathbb{E}_{v_n} & \mathfrak{b} & \hat{A} \end{array}$$

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 $\gamma \beta'$

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SuperX Optical Communications Pte. Ltd.ᠠ ᠶᠢ ᠦ ᠡᠭᠡᠨ ᠡᠰ ᠠ

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ã Đ	1,563,505	0.20%	177,240		696,299		873,539	2,437,044	0.22%
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2 ã									
3 ã ĩ	378,084	0.05%	141,960		208,018		349,978	728,062	0.07%
ĩ ,									
	378,084	0.05%	141,960		208,018		349,978	728,062	0.07%
4 ã	1,185,421	0.15%	35,280		488,281		523,561	1,708,982	0.16%
ĩ ,									
	1,185,421	0.15%	35,280		488,281		523,561	1,708,982	0.16%
H ã Đ	775,852,386	99.80%	1,567,650		310,968,013		312,535,663	1,088,388,049	99.78%
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	52,920		76,734	129,654		

1,185,421

523,561

$$\ddot{\alpha} \approx \dot{E}_{\text{vis}}$$

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 $\gamma \beta'$

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$\tilde{\omega}$		E_{tot} 2026							
	--	--	2,084,674	974,798	474,800	2,584,672	472,640	0	330,848

$\tilde{\alpha}$		$\mathbf{1}$							
$\mathbb{E}_n$			$\mathbf{1}$	$\sim$	$\mathbf{1}$	$\hat{A}$			
☐	$\mathfrak{b}$								
		$\mathbf{1}$							
☐	$\mathfrak{b}$								
$\mathbb{E}_n$			$\mathbf{1}$	$\hat{A}$					
		$\mathbf{1}$							
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$\mathbb{E}_n$			$\mathbf{1}$	$\hat{A}$					

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2,996,657,642.69

210,053,444.45

1,877,651.18

1,121,985,328.51

16,802,959.69

20,774,384.67

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	11,917,614.81	9,305,210.49
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	1,273,338,195.44	

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E₂₆ 2026

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N ₂		
	1,695,222.57	

	2,032,549.16	1,877,651.18
	1,381,372,855.99	1,002,474,068.00
	7,710,442.67	16,802,959.69
	86,888,656.27	7,701,377.80
᠑	295,895.25	76,884.28
᠑		
	527,637,323.57	419,417,907.13
᠑		
᠑	22,863,662.30	3,780,051.89
᠑	4,810,010,403.95	4,243,020,718.24
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	1,016,120,017.33	1,015,687,036.49
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160,408,095.44

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2,827,938,748.37

		172,866,914.13	134,508,145.73
Қ	Е _т	1,204,413,560.86	899,424,956.59
Қ	Е _т		

$$4 \text{ à } 'E_n$$
 $\gamma \beta'$

	2026	2025
ă	2,675,755,021.40	2,445,730,803.38
‘	1,425,326,921.84	1,501,363,549.14
ü ˆ	27,789,279.13	24,036,130.65
	8,147,408.71	9,379,909.54
	28,710,819.41	32,113,287.42
	112,362,797.17	90,090,307.56
ˆ	37,345,711.07	-26,125,387.10
ı ˆ	28,459.14	654,234.20
	47,088,231.57	29,126,391.18
ˆ ˆ ı	28,072,732.11	1,465,720.21
ˆ ˆ ı — E _ı	742,014.63	2,716,242.31
ı ˆ	-1,108,208.16	-850,178.85
ıı		
E _ı ˆ ı —		
ˆ E E 1 ˆ ı — E _ı ˆ	2,166,569.86	739,762.55
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	1,855,954,566.15	1,578,813,700.49
	1,000,881,668.42	608,178,009.04
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	1,330,000,000.00	2,630,000,000.00
ᠭ	2,120,715.45	5,727,407.31
	364,330.00	128,397.64
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	1,332,485,045.45	2,635,855,804.95
	308,342,051.19	204,814,446.69
	1,393,720,612.48	2,810,000,000.00
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	221,484,212.15	
	1,923,546,875.82	3,014,814,446.69
	-591,061,830.37	-378,958,641.74
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	32,297,913.90	35,918,147.44
ᠢ ᠡᠭᠡᠨ		
ᠭ		
	32,297,913.90	35,918,147.44
Nᠡ ᠠᠨᠢ	545,412,546.70	278,608,927.08
ᠢ ᠡᠭᠡᠨ ᠠᠨᠢ		
	14,498,388.18	822,600.00
	559,910,934.88	279,431,527.08
	-527,613,020.98	-243,513,379.64
ᠠᠨᠢ 1 ᠠᠨᠢ ᠢᠨᠢ	-113,356,734.33	1,236,651.98
ᠠᠨᠢ ᠢᠨᠢ	-231,149,917.26	-13,057,360.36
ᠠᠨᠢ ᠢᠨᠢ	2,863,743,000.22	1,978,488,144.35
ᠡ ᠠᠨᠢ ᠢᠨᠢ	2,632,593,082.96	1,965,430,783.99

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	2026	2025
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ᠠᠨᠢ	2,387,280,253.10	1,940,005,127.19
	7,226,730.49	39,948,854.60
	67,054,709.33	30,477,396.67
	2,461,561,692.92	2,010,431,378.46
ᠠᠨᠢ 0	1,524,528,070.29	1,116,922,140.33
ᠢᠨᠢ	111,247,051.41	82,513,179.63
	190,286,728.35	137,831,149.10
	22,162,788.71	70,060,633.87
	1,848,224,638.76	1,407,327,102.93

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	,41				,21		44,	152	,63						
	5,8				5,0		847	,58	9,8						
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[illegible]

$\tilde{\Phi}$ E_{res} 2026

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^ ~ N ₀										- 545,4 12,54 6.70		- 545,4 12,54 6.70
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$\tilde{\Phi}$ E_{res} 2026

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Advanced Integrated Photonics Hong Kong Co., Limited	AIP	—	40%
TIANFU INTERNATIONAL INVESTMENT PTE. LTD.	Δ	—	100%
TFC TECHNOLOGY (SG) PTE. LTD.	Δ	—	100%
TFC Technology (Thailand) Co., LTD.		—	100%

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$$N_0 \quad \tilde{U} \quad " \quad \Psi$$
 $\hat{1}^{\sim}$ [illegible]

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$$\begin{array}{ccccccc} E & \xrightarrow{\quad} & \mathbb{Z} & \xrightarrow{\quad} & \mathbb{Z} & \xrightarrow{\quad} & \mathbb{Z} \\ \downarrow & & & & & & \\ \mathbb{Z} & \xrightarrow{\quad} & \mathbb{Z} & \xrightarrow{\quad} & \mathbb{Z} & \xrightarrow{\quad} & \mathbb{Z} \end{array}$$

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 $\hat{1}^{\sim}$ [illegible]

[illegible]

$$\begin{aligned}
 &= \mathfrak{b} \quad \mathfrak{b} \quad N_0 \quad \sim \quad E \quad \hat{A} \\
 &\quad \hat{A} \quad \sim \quad \mathfrak{D} \quad E \quad \mathfrak{b} \quad \mathfrak{a} \quad E \\
 &\quad \hat{A} \\
 &2 \sim \quad 'E \quad E \quad F \quad \mathfrak{t}_1 \quad \mathfrak{u} \quad \mathfrak{t} \quad \mathfrak{a} \quad \mathfrak{a} \quad \mathfrak{t} \sim \\
 &\quad 'E \quad E \quad F \quad \mathfrak{t}_1 \quad \mathfrak{u} \quad \mathfrak{t} \quad \mathfrak{a} \quad \mathfrak{a} \quad \mathfrak{t} \sim \quad \mathfrak{a} \quad \mathfrak{t} \\
 &\quad \sim \quad 'E \quad E \quad \sim \quad \mathfrak{r} \quad \hat{A} \quad \mathfrak{a} \quad 'E \quad E \\
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 &\quad \hat{A} \quad \sim \quad \mathfrak{t} \quad \mathfrak{t} \quad \sim \quad \hat{A} \\
 &3 \sim \quad 'E \quad E \quad F \quad \mathfrak{t}_1 \quad \mathfrak{u} \quad \mathfrak{t} \quad \mathfrak{a} \quad \mathfrak{a} \quad \mathfrak{t} \sim \\
 &\quad 'E \quad E \quad F \quad \mathfrak{t}_1 \quad \mathfrak{u} \quad \mathfrak{t} \quad \mathfrak{a} \quad \mathfrak{a} \quad \mathfrak{t} \sim \quad \mathfrak{t} \quad \mathfrak{t} \quad \sim \\
 &'E \quad E \quad \sim \quad \mathfrak{r} \quad \hat{A} \quad \mathfrak{a} \quad 'E \quad E \quad 'E \quad E \\
 &1 \quad \mathfrak{u} \quad \mathfrak{t} \quad \hat{A} \quad \mathfrak{D} \quad \hat{A} \quad \sim \quad \mathfrak{t} \\
 &\quad \mathfrak{t} \quad \mathfrak{t} \quad \sim \quad \hat{A} \\
 &4 \sim \quad 'E \quad E \quad F \quad \mathfrak{t}_1 \quad \mathfrak{u} \quad \mathfrak{a} \\
 &\quad 'E \quad E \quad F \quad \mathfrak{t}_1 \quad \mathfrak{u} \quad \mathfrak{a} \quad \mathfrak{a} \quad \mathfrak{a} \quad \mathfrak{t} \\
 &\mathfrak{u} \quad \mathfrak{a} \quad \sim \quad 'E \quad E \quad \sim \quad \mathfrak{r} \quad \hat{A} \quad \mathfrak{a} \quad 'E \quad E \\
 &\quad \sim \quad 'E \quad E \quad 1 \quad \mathfrak{u} \quad \hat{A} \quad \sim \quad \mathfrak{t} \quad 'E \quad E \quad \mathfrak{b} \quad \mathfrak{u} \\
 &\sim \quad 'E \quad E \quad 1 \quad \mathfrak{u} \quad \hat{A} \\
 &5 \sim \quad 'E \quad E \quad F \quad \mathfrak{t}_1 \quad \mathfrak{u} \\
 &(5) \quad \mathfrak{a} \quad 'E \quad E \\
 &\quad \mathfrak{t} \sim \quad E \quad \mathfrak{t} \quad 'E \quad E \quad 'E \quad E \quad F \quad \mathfrak{t}_1 \quad \mathfrak{u} \\
 &\quad \mathfrak{a} \quad \sim \quad 'E \quad E \quad \sim \quad \mathfrak{r} \\
 &\quad \hat{A} \quad 'E \quad E \quad \sim \quad 'E \quad E \quad 1 \quad \mathfrak{u} \quad \hat{A} \quad \sim \quad \mathfrak{t} \quad 'E \quad E \\
 &\mathfrak{b} \quad \mathfrak{u} \quad \sim \quad 'E \quad E \quad 1 \quad \mathfrak{u} \quad \hat{A} \\
 &6 \sim \\
 &\quad \mathfrak{a} \quad \mathfrak{a} \quad \mathfrak{a} \quad \mathfrak{t} \quad \mathfrak{a} \quad \mathfrak{a} \\
 &\mathfrak{a} \quad \sim \quad 'E \quad E \quad \sim \quad \mathfrak{r} \quad \hat{A} \\
 &\quad \hat{A} \quad \sim \quad E \quad \mathfrak{b} \quad E \\
 &\hat{A} \\
 &\quad \mathfrak{a} \quad 3 \sim \quad \mathfrak{a} \\
 &'E_u \quad \mathfrak{a} \quad \sim \quad \mathfrak{a} \quad \mathfrak{a} \quad \mathfrak{M} \quad \sim \\
 &\quad \mathfrak{a} \quad \mathfrak{a} \quad \mathfrak{a} \quad \mathfrak{M} \quad \sim \quad \mathfrak{b} \quad \mathfrak{a} \quad \hat{A}
 \end{aligned}$$

$\alpha\beta$  $\alpha\beta$ $\mathfrak{D} \quad \sim$ G $\hat{A} \, E_{\text{tr}}$

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$\tilde{\Phi}$	$\mathbb{E}_n$	2026								
$\mathbb{E}_n$	$\hat{e}$	$\odot$	$\mathbb{E}_n$	4_n	---	$\tilde{I} \quad I \quad \gamma \quad \text{---} \quad E$				
14 $\tilde{a}$										
$\mathbb{E}_n$	$\hat{e}$	$\odot$	$\mathbb{E}_n$	4_n	---	$\tilde{I} \quad I \quad \gamma \quad \text{---} \quad E$				
15 $\tilde{a} \quad \mathfrak{t}$										
$\mathfrak{t}$	$\tilde{\Psi} \quad \Psi$									
$\mathbb{E}_n$	$\hat{e}$	$\odot$	$\mathbb{E}_n$	4_n	---	$\tilde{I} \quad I \quad \gamma \quad \text{---} \quad E$				
16 $\tilde{a} \quad \overset{\circ}{\circ}$										
$\hat{1} \sim \overset{\circ}{\circ}$	$\tilde{\Psi}$									
$\mathbb{E}_n$	$\text{---} \quad \mathfrak{b}$	γ	$\overset{\circ}{\circ}$	$\hat{A}$	$\mathbb{E}_n$					
$\mathfrak{U} \quad \overset{\circ}{\circ} \quad \hat{A}$	$\mathfrak{H}$	$\overset{\circ}{\circ}$	$\hat{A}$	$\mathbb{E}_n$	$\tilde{a} \quad \mathfrak{D}^{\wedge} \quad \mathfrak{D} = G$	$\mathfrak{t} \quad \sim$				
$\sim \quad \mathfrak{D} \quad E$	$\mathfrak{U}$	$\lceil \quad \hat{A}$								
$\hat{2} \sim \overset{\circ}{\circ}$	$\tilde{\Psi} \quad \Psi$									
$\tilde{\Psi} \quad \Psi$	$\hat{A}$	$\tilde{\Psi} \quad \Psi$								
$\tilde{\Psi} \quad \Psi$	$\tilde{a} \quad 13$									
$\mathbb{E}_n$	$\hat{e}$	$\odot$	$\mathbb{E}_n$	4_n	---	$\tilde{I} \quad I \quad \gamma \quad \text{---} \quad E$				
17 $\tilde{a}$										
$\mathbb{E}_n$	$\hat{e}$	$\odot$	$\mathbb{E}_n$	4_n	---	$\tilde{I} \quad I \quad \gamma \quad \text{---} \quad E$				
$\hat{1} \sim N_0$										
$\mathbb{E}_n$	$N_0 \quad \mathfrak{U}$	$\hat{\quad} \quad \gamma$	$\tilde{a} \quad \sim \quad \tilde{a} \quad \overset{\circ}{\circ} \quad \tilde{a} \quad \tilde{a} \quad \tilde{a} \quad \hat{A}$							

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29 à 30

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 & \gamma \quad \omega \quad \hat{A} \quad \gamma \quad E \quad \omega \quad \gamma \quad E_{\text{th}} \\
 & \gamma \quad \omega \quad \hat{A} \quad \gamma \quad E \quad \omega \quad \gamma \quad E_{\text{th}}
 \end{aligned}$$

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	272,166,569.86	210,053,444.45
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	272,166,569.86	210,053,444.45

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	2,032,549.16	1,877,651.18
	2,032,549.16	1,877,651.18

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49.16 51.18

	2,032,5 49.16	100.00%	0.00	0.00%	2,032,5 49.16	1,877,6 51.18	100.00%	0.00	0.00%	1,877,6 51.18
	2,032,5 49.16	100.00%	0.00	0.00%	2,032,5 49.16	1,877,6 51.18	100.00%	0.00	0.00%	1,877,6 51.18

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	59,051,859.3 7	17,903,952.4 7			-546,708.42	76,409,103.4 2
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	1,761,400.22	1,687,322.88

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Ü	1,893,336.08	1,526,256.86
	100,033.76	623,669.55
	391,579.30	57,416.08
		1,969.27
	2,384,949.14	2,209,311.76

 $2^{\sim}$ $\gamma \beta'$

1 ^ 1 ~	1,319,660.92	1,111,824.23
1 2	293,179.94	584,474.33
2 3	348,372.00	150,090.00
3 ☼	423,736.28	362,923.20
3 4	90,000.00	
5 ☼	333,736.28	362,923.20
	2,384,949.14	2,209,311.76

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□ **b** $\gamma \beta'$

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	2,384,9 49.14	100.00%	623,548 .92	26.15%	1,761,4 00.22	2,209,3 11.76	100.00%	521,988 .88	23.63%	1,687,3 22.88
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	2,384,9 49.14	100.00%	623,548 .92	26.15%	1,761,4 00.22	2,209,3 11.76	100.00%	521,988 .88	23.63%	1,687,3 22.88
	2,384,9 49.14	100.00%	623,548 .92	26.15%	1,761,4 00.22	2,209,3 11.76	100.00%	521,988 .88	23.63%	1,687,3 22.88

 $\gamma \beta'$

	2,384,949.14	623,548.92	26.15%
	2,384,949.14	623,548.92	

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	18,572,560.3 5	6,155,602.99	-49,897.63	5,070,742.57		19,607,523.1 4
ᐅ	12,746,477.8 3	234,270.91	-593.59	2,162,006.32		10,818,148.8 3
	25,734,553.7 3	3,969,294.89	-638,186.78	7,202,325.31		21,863,336.5 3
	57,053,591.9 1	10,359,168.7 9	-688,678.00	14,435,074.2 0		52,289,008.5 0

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 $\gamma \beta'$

	15,721,987.99	19,430,736.53
	2,712,232.12	1,880,730.71
İ	853,413.34	61,248.81
İ	22,863,662.30	
	42,151,295.75	21,372,716.05

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	1,273,338,195.44	1,115,188,623.61
	1,273,338,195.44	1,115,188,623.61

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1.	710,421,134.28	891,321,208.96	23,569,478.05	3,743,960.16	161,960,015.22	1,791,015,796.67
2.	28,210,698.1	212,691,778.	2,640,991.97	163,410.50	13,674,951.6	257,381,831.

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1. E	589,173,089. 89	628,540,796. 38	8,838,001.02	1,171,048.84	45,615,259.3 1	1,273,338,19 5.44
2. E	579,231,750. 61	482,664,800. 83	7,398,685.47	1,146,312.08	44,747,074.6 2	1,115,188,62 3.61

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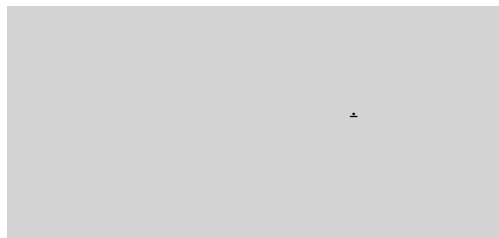
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			E			E
	83,426,466.5 0		83,426,466.5 0	177,635,889. 81		177,635,889. 81
o	24,760,671.0 5		24,760,671.0 5	23,652,399.2 1		23,652,399.2 1
	3,870,029.74		3,870,029.74	1,276,296.59		1,276,296.59
	7,879,644.08		7,879,644.08	0.00		0.00
Đ	600,000.00		600,000.00	161,981.13		161,981.13
ã	7,112.42		7,112.42	224,770.65		224,770.65
	120,543,923. 79		120,543,923. 79	202,951,337. 39		202,951,337. 39

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1.	8,011,336.31	8,011,336.31
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4.	8,011,336.31	8,011,336.31
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1.	4,005,668.10	4,005,668.10
2. ±	801,133.62	801,133.62
^ 1~	801,133.62	801,133.62
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4.	4,806,801.72	4,806,801.72
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1. E	3,204,534.59	3,204,534.59
2. E	4,005,668.21	4,005,668.21

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1.	83,394,414.50	12,615,800.00		23,718,490.55	119,728,705.05
2.	29,105,750.83			161,981.13	29,267,731.96
1~	32,229,265.68			161,981.13	32,391,246.81
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 $\hat{1}^{\sim}$ $\gamma \beta'$

γ	β	α		α		
$\mathbb{H}$						
	5,748,132.75					5,748,132.75
π	23,899,440.4 3					23,899,440.4 3
	29,647,573.1 8					29,647,573.1 8

 $\hat{2}^{\sim}$ $\gamma \beta'$

γ_{β}		α				
H						
	0.00					0.00
π	0.00					0.00
	0.00					0.00

 $\hat{3}^{\sim}$

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Ư γ ϕ	ă ă ă h i ψ	l H ϕ Đ γ	
Ư γ ϕ	ă ă ă h i ψ	l H ϕ Đ γ	

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$$\mathbb{H} \quad \hat{A}$$
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	$\tilde{\omega}$	E_{eff}	2026
☐	$\mathfrak{b}$		
$\mathfrak{f}$			
☐	$\mathfrak{b}$		
	$\mathfrak{b}$		$\mathfrak{b}$
E_{eff}		$\mathfrak{b}$	$\mathfrak{b}$

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ᠠᠨᠠᠭ	7,767,849.45	1,165,177.42	9,007,025.83	1,351,053.87
ᠠᠨᠠᠭ ᠠᠨᠠᠭ	10,758,316.55	1,613,747.48	12,451,993.34	1,867,799.01
ᠠᠨᠠᠭ E	2,166,569.86	324,985.48	53,444.45	10,583.34
E 1 ᠠᠨᠠᠭ	4,005,668.21	600,850.23	4,005,668.21	600,850.23
ᠠᠨᠠᠭ Ψ	24,698,404.07	3,704,760.61	25,518,131.83	3,830,286.45

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	ᠠᠨᠠᠭ	ᠠᠨᠠᠭ	ᠠᠨᠠᠭ	ᠠᠨᠠᠭ
	ᠠᠨᠠᠭ	ᠠᠨᠠᠭ	ᠠᠨᠠᠭ	ᠠᠨᠠᠭ
ᠠᠨᠠᠭ	2,659,048.72	135,153,861.50	2,613,196.47	112,652,527.00
ᠠᠨᠠᠭ	2,659,048.72	1,045,711.89	2,613,196.47	1,217,089.98

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ᠠᠨᠠᠭ	256,825.44	7,550,974.51
ᠠᠨᠠᠭ ᠠᠨᠠᠭ	3,136,280.35	42,442,705.72
ᠠᠨᠠᠭ	3,393,105.79	49,993,680.23

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	ᠠᠨᠠᠭ	ᠠᠨᠠᠭ
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	851,120.55	
	160,408,095.44	89,615,416.99
	99,483,515.40	2,934,203.50
	260,742,731.39	92,549,620.49

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1 ă ă ă	91,387,473.98	327,042,240.34	338,372,792.82	80,056,921.50
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	1,695,222.57	1,660,054.94
	1,695,222.57	1,660,054.94

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	3,762,676.15	4,705,285.80
	-114,503.19	-235,785.13
u	-1,695,222.57	-1,660,054.94
	1,952,950.39	2,809,445.73

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48 a

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E ~ E ^			±			
	790,378,886.64		89,245,640.40			

Нә	2,144,847.12	-43,109,993.58				-42,898,300.53	-211,693.05	-40,753,453.41
Нә	2,144,847.12	-43,109,993.58				-42,898,300.53	-211,693.05	-40,753,453.41
Нә	2,144,847.12	-43,109,993.58				-42,898,300.53	-211,693.05	-40,753,453.41

Нә

58 а F

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Ғ	24,152,586.94	6,613,383.96	684,058.20	30,081,912.70
Ғ	24,152,586.94	6,613,383.96	684,058.20	30,081,912.70

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59 а E

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E	476,639,839.75	0.00	0.00	476,639,839.75
E	476,639,839.75	0.00	0.00	476,639,839.75

E

60 а Nә

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Nә	3,272,415,191.39	2,071,755,184.78
Nә	3,272,415,191.39	2,071,755,184.78
Ғ E	1,204,285,104.14	899,241,294.92
	545,412,546.70	277,648,532.50
Nә	3,931,287,748.83	2,693,347,947.20

- 2) à g Ψ 1 Ψ N₀ 0.00 $\hat{A}$
- 3) à g Ψ Ψ N₀ 0.00 $\hat{A}$
- 4) à g 1 Ψ N₀ 0.00 $\hat{A}$
- 5) à $\hat{A}$ N₀ 0.00 $\hat{A}$

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61 à

7 β



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	2,827,938 ,748.37	1,106,583 ,801.94					2,827,938 ,748.37	1,106,583 ,801.94

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	1,727,169.08	700,870.70
	37,455,373.59	-25,142,792.62

i

67 à i

7 β *

op i		⊙
	20,985,320.13	28,727,299.60
Δ	8,137,609.92	1,869,207.88
	1,087,698.63	1,055,667.73
	412,645.73	0.00

68 à

7 β *

		⊙
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i

69 à E E 1 μ

7 β *

op E E 1 μ		⊙
op	1,878,000.00	66,778.47
i E i op E E 1 μ	1,878,000.00	66,778.47
op	288,569.86	764,178.52
	2,166,569.86	830,956.99

i

70 à

7 β *

		⊙
	-1,108,208.16	-850,178.85
op		21,236.07
op	1,418,908.80	5,403,214.45
op 7	648,362.20	
	959,062.84	4,574,271.67

i

71 a

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	-17,903,952.47	-21,125,768.94
i	-104,417.62	-72,056.61
	-18,008,370.09	-21,197,825.55

ᄒ	E _ᄒ 2026		
	4,030,407.23	1,946,739.34	4,030,407.23

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	175,343,857.06	141,153,160.21
	-2,476,942.93	-6,645,014.48
	172,866,914.13	134,508,145.73

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	1,377,280,474.99
/	344,320,118.91
E _ᄒ ᄒ	-135,127,763.09
	2,843,723.33
ᄒ ᄒ ᄒ	1,439,022.10
ᄒ ᄒ ᄒ ᄒ	-7,591,504.30
ᄒ ᄒ ᄒ ᄒ	755,745.41
	-32,507,134.51
ᄒ ᄒ	-1,265,293.72
	172,866,914.13

᠑᠒᠒᠖	21,969,181.51	28,727,299.60
	28,310,932.23	1,221,032.20
	5,400,000.00	0.00
	455,631.20	4,056,755.13
᠑᠒᠒᠖	0.00	1,970,012.72
	182,152,245.06	68,732,712.47

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᠑᠒᠒᠖	92,332,914.95	39,003,147.85
	1,335,489.02	106,383.43
	368,616.00	591,980.00
᠑᠒᠒᠖	1,573.42	
	94,038,593.39	39,701,511.28

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	1,330,000,000.00	2,630,000,000.00
	1,330,000,000.00	2,630,000,000.00

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	221,484,212.15	
	221,484,212.15	

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᠑᠒᠒᠖	308,342,051.19	204,814,446.69
	1,390,000,000.00	2,810,000,000.00
	1,698,342,051.19	3,014,814,446.69

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$$\hat{z}^{\sim} \quad \mathfrak{b} \quad \mathfrak{u} \quad \mathfrak{z}$$
$$\dot{t} \quad b \quad \varepsilon \quad \approx$$
 $\gamma \beta'$
$$\dot{t} \quad b \quad \varepsilon \quad \approx$$
$$\dot{t} \quad b \quad e \quad z$$
 $\gamma \beta'$

		☼
	904,862.88	822,600.00
☼	13,593,525.30	
	14,498,388.18	822,600.00

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□ **b** $\gamma \beta'$

		A		B		
		1	2	1	2	
1	4,469,500.67		83,535.17	904,862.88		3,648,172.96
	4,469,500.67		83,535.17	904,862.88		3,648,172.96

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	γ	$\mathbb{H}$	$\mathbb{H}$
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 $\hat{1}^{\sim}$ $\gamma \beta'$

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	1,204,413,560.86	899,424,956.59

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Δ	ε	OP	28,367,538.88	40,909,192.52
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			2,444,808,043.43
ă	356,369,578.44	6.8109	2,427,197,561.80
	10,323,160.10	0.8686	8,966,180.70
	41,092,539.00	0.0420	1,727,735.80
ă	586,715.26	5.2605	3,086,415.63
	18,752,794.99	0.2042	3,830,149.50
			576,289,265.51
ă	84,612,792.07	6.8109	576,289,265.51
ă			
ă			1,075,550.43
ă	1,200.00	6.8109	8,173.08
	184,000.00	0.0420	7,736.28
	5,171,212.72	0.2042	1,056,190.18
ă	656.00	5.2605	3,450.89
			247,952,172.06
ă	30,103,700.66	6.8109	205,033,294.83
	71,121,494.00	0.0420	2

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□ b

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	103,435,954.20	79,300,393.68
5	14,588,376.90	12,018,011.48
	69,581,232.18	21,132,961.91
?	3,097,964.26	10,728,117.75
i	4,223,676.53	2,322,768.34
	194,927,204.07	125,502,253.16
i 1	194,927,204.07	125,502,253.16
1	0.00	0.00

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4 à 'E_n

$$\begin{array}{ccccc} & & \mathbb{E}_{u_i} & & \mathbb{H} \\ \square & & & & \\ & & & & \\ & & \mathbb{N}_2 & & \mathbb{E}_{v_i} & & \mathbb{F} \\ \square & & & & & & \end{array}$$

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 $\ddot{a} \quad \ddot{i} \quad h$

1 ă E_n

 $\hat{1}^{\sim}$ $\gamma \beta'$

№	Үүнэ	Үйлдвэр	Төрөл	Төрөл	Хувиар		Төлбөр
					Хувиар	Хувиар	
1	45,000,000.00			Үйлдвэр	100.00%		
2	150,000,000.00			Үйлдвэр	100.00%		
3	86,855.00			Үйлдвэр	100.00%		
4	13,621,800.00			Үйлдвэр	100.00%		Үйлдвэр
5	44,230,123.74			Үйлдвэр, Үйлдвэр, Үйлдвэр, Үйлдвэр, Үйлдвэр	100.00%		Үйлдвэр
6	601,000,000.00			Үйлдвэр	100.00%		

				Д Д			
	15,754,200.00			т Д Д Қ	100.00%		Й
т						100.00%	Й
AIP	173,710.00			т т Д		40.00%	Й
т	789,075,000.00	т	т			100.00%	
т	105,210,000.00	т	т	h т		100.00%	
	500,290,000.00			А т т Д т т Қ т т		100.00%	

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$\wedge^3$
 $\mathbb{E}_{\text{u}}$
 $\mathfrak{h}$

$\mathfrak{q}^{\beta^*}$

$\mathbb{E}$												
	$\mathfrak{u}$ $\mathfrak{q}^{\beta}$	$\mathfrak{u}$ $\mathfrak{q}^{\beta}$	$\mathfrak{q}^{\beta}$	$\mathfrak{u}$	$\mathfrak{u}$		$\mathfrak{u}$ $\mathfrak{q}^{\beta}$	$\mathfrak{u}$ $\mathfrak{q}^{\beta}$	$\mathfrak{q}^{\beta}$	$\mathfrak{u}$	$\mathfrak{u}$	

$\mathfrak{q}^{\beta^*}$

$\mathbb{E}_{\text{th}}$					$\odot$			
				$\mathfrak{u}$				$\mathfrak{u}$

$\dot{\mathfrak{t}}$

$\wedge^4$
 $\mathfrak{q}^{\beta}$

$\wedge^5$
 $\mathfrak{h}$
 $\dot{\mathfrak{t}}$

$\dot{\mathfrak{t}}$

$2\,\mathfrak{a}$
 $\mathbb{E}_{\text{u}}$
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 $\mathbb{E}_{\text{u}}$

$\wedge^1$
 $\mathbb{E}_{\text{u}}$
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 $\mathfrak{g}$
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 $\mathfrak{g}$
 $\mathbb{E}_{\text{u}}$

$\mathfrak{q}^{\beta^*}$

$/$ $\mathfrak{E}$	
$--$	
$--$ $\mathfrak{q}^{\beta}$ $\mathbb{E}$ $\mathfrak{E}$	
$/$ $\mathfrak{E}$	
$\mathfrak{D}$ $/$ $\mathbb{E}_{\text{th}}$ $\mathfrak{q}^{\beta}$	
$\dot{\mathfrak{t}}$ $\mathbb{E}$	

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Е	11,917,614.81	9,305,210.49
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--	-1,108,208.16	-850,178.85
--	-1,108,208.16	-850,178.85

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 $\gamma \beta'$

Ψ		$\hat{\Psi}$		$\hat{\Psi} - 1$		$\hat{\Psi}^{\infty} / \tau$
	23,587,150 .86	774,300.00		878,137.25		23,483,313 .61

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 $\gamma \beta'$

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ı	20.985.320.13	28.727.299.60

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$$\tilde{U} \quad \tilde{a} \quad \tilde{b} \quad \quad \quad \tilde{c} \quad \quad \quad \tilde{d} \quad \quad \quad \tilde{e} \quad \quad \quad \hat{A} \quad \mathbb{E}_{\pi} \quad \mathbb{H}$$
$$\eta \quad \quad \quad E_{\text{rh}} \quad \quad \quad \gamma \quad \quad \quad \gamma$$
[illegible]

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$$1 \leq E \leq E$$
 $\gamma \beta'$

	E E			
	E E	H E E	$\frac{3}{2}, \frac{3}{2}$ E E	
ă E E	--	--	--	--
$\hat{\alpha} \sim \alpha$		272,166,569.86		272,166,569.86
1. E E F $\hat{t}_1 \sim \alpha$		272,166,569.86		272,166,569.86
$\hat{1} \sim \alpha$		272,166,569.86		272,166,569.86
$\hat{H} \sim$		7,710,442.67		7,710,442.67
α E E		279,877,012.53		279,877,012.53
H ä E E	--	--	--	--

$$2 \text{ ă } \text{E} \quad \text{E} \quad \text{E}$$

3. $\mathbb{H}^n$ is a Hilbert space.

$$E_{\text{vis}} \rightarrow H \rightarrow E \rightarrow E \rightarrow E \rightarrow E \rightarrow E$$
$$\alpha \rho \quad \psi \quad E \quad E \quad \hat{A}$$
$$\Psi \quad \hookrightarrow \quad E_{\text{rig}} \quad \xrightarrow{\sim} \quad \Psi$$
$$\mathbb{E} \quad \mathbb{E} \quad \hat{A}$$

4 ä 3 'E E ' C

5 ä 3 E E 6 E 0 6 7 N2

		ap			E	/
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ᄒ	5,876,212.51	10,505,219.67

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H ã ü ^ ~			1,744,890	32,297,91 3.90	1,744,890	32,297,91 3.90	91,756	1,698,403 .56
			1,744,890 .00	32,297,91 3.90	1,744,890 .00	32,297,91 3.90	91,756.00	1,698,403 .56

ü ü

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3			ü ü	
	E		E	
H ã ü ^ ~	2023 ? ü E ü 18.51 /	2023 ? ü 2026 ü 2027 12 22 12 21		
H ã ü ^ ~	2023 ? ü E ü 18.51 /	2023 ? ü 2026 11 27 2029 3 26		

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3 ü E E	H E ₂₀₂₆ Black-Scholes E
7 ü	E ₂₀₂₆ ü ?
E	180,310,037.86
	7,105,879.55

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Hă ă ă ă	7,105,879.55	
	7,105,879.55	

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1 1~	1,433,193,946.43	1,038,780,583.17
	1,433,193,946.43	1,038,780,583.17

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	1,433,193,946.43	100.00%	51,821,090.44	3.62%	1,381,372,855.99	1,038,780,583.17	100.00%	36,306,515.17	3.50%	1,002,474,068.00
2										
	1,036,4	ž	068.							

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	36,306,515.1	15,514,575.2				
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᠑	295,895.25	76,884.28
	295,895.25	76,884.28

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	393,167.28	404,615.03
	308,301.37	
	701,468.65	404,615.03

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1 ~ 1 ~	311,468.65	14,615.03
2 3		90,000.00
3 ☼	390,000.00	300,000.00
3 4	90,000.00	
5 ☼	300,000.00	300,000.00
	701,468.65	404,615.03

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		()	()	
2026 1 1	327,730.75			327,730.75
2026 1 1				
	77,842.65			77,842.65
2026 6 30	405,573.40			405,573.40

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	327,730.75	77,842.65				405,573.40
	327,730.75	77,842.65				405,573.40

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t

q β *

q β				1 t	
E		300,000.00	3	42.77%	300,000.00
1		163,333.37	1	23.28%	8,166.67
2		100,000.00	1	14.26%	5,000.00
E _{re}		90,000.00	3	12.83%	90,000.00
3		39,968.00	1	5.70%	1,998.40
		693,301.37		98.84%	405,165.07

7

g t

q β *

t *

3 a

q β *

			E			E
E _{re}	1,007,923,01 5.00		1,007,923,01 5.00	1,006,381,82 6.00		1,006,381,82 6.00
a	8,197,002.33		8,197,002.33	9,305,210.49		9,305,210.49
	1,016,120,01 7.33		1,016,120,01 7.33	1,015,687,03 6.49		1,015,687,03 6.49

^ 1

E_{re}

q β *

q β	^ E		1 u				^ E	
			+			t		
	57,754,83 1.60		- 13,135.66				57,741,69 5.94	
	183,042,6 16.07		2,155,663 .55				185,198,2 79.62	
	3,378,533 .35		0.00				3,378,533 .35	
φ	112,371,2		-				111,212,1	

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E 2026

	70.66		1,159,146 .95				23.71	
	601,888,0 92.82		88,527.59				601,976,6 20.41	
	47,946,48 1.50		381,215.4 7				48,327,69 6.97	
			88,065.00				88,065.00	
	1,006,381 ,826.00		1,541,189 .00				1,007,923 ,015.00	

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İ	-557,441.28	İ
ı	3,258,503.93	
	18,021,623.07	--

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$$E_n \quad \mathfrak{b} \quad \mathfrak{i} \quad \mathfrak{i} \quad \hat{A}$$
$$\hat{e} \in E \quad E_n \quad E \quad 1_n \quad \text{---} \quad \ddot{I} \quad \Psi$$

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	α	β	
		β ₁ / β ₂	β ₃ / β ₄
G E _{in}	19.60%	1.1057	1.1038
E _{in} G	19.31%	1.0891	1.0873

З а Ψ Ы Ψ

$$\hat{1} \sim \psi \quad \dagger \quad \psi \quad \vdash \quad \psi$$

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$$\hat{2}^{\sim} \quad \Psi \quad \dagger \quad \Psi \quad \cdot \quad \Psi$$

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$$\hat{z}^3 \Psi = \tilde{Y} \Psi$$

□ b

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