

计算技术习题集

周振章 编



 东北财经大学出版社
Dongbei University of Finance & Economics Press

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大 连

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再 版 说 明

《计算技术习题集》(简称《习题集》)是为《计算技术》一书配套而编写的,是学生学习计算技术课时必备的书籍。

此《习题集》包括珠算技术加减简单计算题、长数字加减计算题、帐表计算题、倒减计算题,还有一目多行加减计算题等。珠算技术乘算有一位乘算题、多位乘算题、小数乘算题和倍数乘算题。除算题有一位、两位、多位的被除数大于除数的除算题和被除数小于除数的除算题,有小数除算题,有倍数除算题,还有开方计算题及电算计算题等。

此《习题集》还备有“全国珠算技术等级鉴定”加、减、乘、除的四级、三级、二级、一级题型计算题。

此次再版,我们对原稿又进行了修订,错误之处,敬请读者批评指正。

编 者

1996年4月

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一、珠算习题

(一)加法习题

1. 直接加法

- | | |
|----------------------|------------------------|
| (1) $132 + 212 =$ | (13) $1,203 + 591 =$ |
| (2) $212 + 112 =$ | (14) $4,262 + 636 =$ |
| (3) $565 + 124 =$ | (15) $1,703 + 196 =$ |
| (4) $615 + 324 =$ | (16) $1,211 + 3,087 =$ |
| (5) $136 + 363 =$ | (17) $4,008 + 5,730 =$ |
| (6) $567 + 122 =$ | (18) $5,116 + 4,253 =$ |
| (7) $146 + 353 =$ | (19) $1,014 + 6,365 =$ |
| (8) $508 + 481 =$ | (20) $6,172 + 3,617 =$ |
| (9) $374 + 615 =$ | (21) $2,918 + 1,051 =$ |
| (10) $712 + 276 =$ | (22) $3,542 + 6,365 =$ |
| (11) $1,024 + 765 =$ | (23) $1,813 + 6,176 =$ |
| (12) $4,203 + 591 =$ | (24) $6,435 + 2,563 =$ |

2. 补五加法

- | | |
|-------------------|------------------------|
| (1) $423 + 343 =$ | (9) $413 + 142 =$ |
| (2) $332 + 234 =$ | (10) $241 + 324 =$ |
| (3) $432 + 344 =$ | (11) $1,314 + 423 =$ |
| (4) $142 + 413 =$ | (12) $6,033 + 832 =$ |
| (5) $314 + 241 =$ | (13) $2,146 + 1,433 =$ |
| (6) $442 + 323 =$ | (14) $3,524 + 2,341 =$ |
| (7) $213 + 324 =$ | (15) $4,822 + 5,143 =$ |
| (8) $142 + 413 =$ | (16) $5,618 + 3,241 =$ |

$$(17) \quad 1,263 + 4,323 =$$

$$(18) \quad 5,026 + 3,732 =$$

$$(19) \quad 7,253 + 1,433 =$$

$$(20) \quad 1,362 + 3,314 =$$

$$(21) \quad 4,142 + 2,413 =$$

$$(22) \quad 5,144 + 4,432 =$$

$$(23) \quad 2,642 + 3,214 =$$

$$(24) \quad 1,063 + 6,832 =$$

$$(25) \quad 4,247 + 2,431 =$$

$$(26) \quad 2,631 + 4,234 =$$

$$(27) \quad 4,123 + 1,442 =$$

$$(28) \quad 6,142 + 3,433 =$$

$$(29) \quad 7,174 + 1,412 =$$

$$(30) \quad 23,643 + 33,223 =$$

$$(31) \quad 46,024 + 21,642 =$$

$$(32) \quad 24,836 + 34,031 =$$

3. 进十加法

$$(1) \quad 1,978 + 9,345 =$$

$$(2) \quad 3,258 + 7,857 =$$

$$(3) \quad 7,736 + 3,479 =$$

$$(4) \quad 5,732 + 5,879 =$$

$$(5) \quad 4,564 + 7,597 =$$

$$(6) \quad 6,823 + 9,789 =$$

$$(7) \quad 8,974 + 4,257 =$$

$$(8) \quad 7,837 + 9,485 =$$

$$(9) \quad 2,684 + 4,536 =$$

$$(10) \quad 4,897 + 2,761 =$$

$$(11) \quad 3,847 + 8,434 =$$

$$(12) \quad 8,327 + 7,893 =$$

$$(13) \quad 6,475 + 9,645 =$$

$$(14) \quad 3,628 + 8,932 =$$

$$(15) \quad 4,749 + 7,423 =$$

$$(16) \quad 9,274 + 2,347 =$$

$$(17) \quad 7,648 + 4,174 =$$

$$(18) \quad 6,453 + 5,738 =$$

$$(19) \quad 12,193 + 49,428 =$$

$$(20) \quad 38,814 + 28,346 =$$

$$(21) \quad 63,782 + 33,438 =$$

$$(22) \quad 64,273 + 23,947 =$$

$$(23) \quad 18,722 + 63,438 =$$

$$(24) \quad 82,076 + 13,695 =$$

$$(25) \quad 52,152 + 29,921 =$$

$$(26) \quad 15,771 + 72,484 =$$

$$(27) \quad 632,362 + 14,898 =$$

$$(28) \quad 27,264 + 59,497 =$$

$$(29) \quad 23,713 + 48,468 =$$

$$(30) \quad 42,272 + 29,848 =$$

$$(31) \quad 37,327 + 34,784 =$$

$$(32) \quad 63,026 + 23,695 =$$

$$(33) \quad 31,731 + 34,474 =$$

$$(34) \quad 66,285 + 14,835 =$$

$$(35) \quad 31,128 + 39,483 =$$

$$(36) \quad 27,326 + 44,393 =$$

4. 进十破五加法

- | | |
|------------------------|--------------------------|
| (1) $6,557 + 7,887 =$ | (19) $39,697 + 88,769 =$ |
| (2) $7,668 + 7,866 =$ | (20) $89,898 + 69,876 =$ |
| (3) $8,566 + 6,878 =$ | (21) $38,649 + 72,798 =$ |
| (4) $6,577 + 7,967 =$ | (22) $54,929 + 69,786 =$ |
| (5) $5,867 + 8,687 =$ | (23) $37,496 + 88,876 =$ |
| (6) $6,856 + 7,668 =$ | (24) $52,989 + 79,897 =$ |
| (7) $3,688 + 4,297 =$ | (25) $46,478 + 88,986 =$ |
| (8) $2,566 + 6,778 =$ | (26) $92,774 + 81,663 =$ |
| (9) $5,655 + 8,898 =$ | (27) $59,598 + 98,276 =$ |
| (10) $7,568 + 8,977 =$ | (28) $26,679 + 38,788 =$ |
| (11) $5,968 + 7,896 =$ | (29) $52,778 + 98,876 =$ |
| (12) $4,877 + 7,798 =$ | (30) $49,765 + 37,677 =$ |
| (13) $9,866 + 6,589 =$ | (31) $84,868 + 73,767 =$ |
| (14) $7,896 + 6,677 =$ | (32) $48,796 + 29,889 =$ |
| (15) $6,789 + 7,896 =$ | (33) $54,987 + 66,798 =$ |
| (16) $8,967 + 1,908 =$ | (34) $29,876 + 37,681 =$ |
| (17) $5,749 + 9,896 =$ | (35) $59,687 + 48,779 =$ |
| (18) $4,978 + 6,968 =$ | (36) $99,987 + 88,676 =$ |

5. 综合计算题

- | | |
|-------------------------|--------------------------|
| (1) $39,678 + 52,976 =$ | (8) $92,386 + 76,504 =$ |
| (2) $59,103 + 22,945 =$ | (9) $42,795 + 97,663 =$ |
| (3) $54,667 + 78,091 =$ | (10) $58,624 + 49,376 =$ |
| (4) $33,806 + 92,597 =$ | (11) $24,638 + 96,547 =$ |
| (5) $62,849 + 99,008 =$ | (12) $24,897 + 46,548 =$ |
| (6) $87,654 + 88,913 =$ | (13) $56,894 + 79,685 =$ |
| (7) $50,134 + 64,875 =$ | (14) $19,667 + 58,764 =$ |

- (15) $76,064 + 89,732 =$ (28) $52,849 + 67,253 =$
 (16) $54,771 + 62,786 =$ (29) $11,904 + 52,371 =$
 (17) $29,371 + 58,649 =$ (30) $81,047 + 92,519 =$
 (18) $92,054 + 78,926 =$ (31) $77,662 + 84,813 =$
 (19) $46,537 + 58,926 =$ (32) $56,291 + 43,733 =$
 (20) $39,018 + 46,249 =$ (33) $19,576 + 77,803 =$
 (21) $58,994 + 49,873 =$ (34) $64,395 + 76,281 =$
 (22) $59,643 + 44,921 =$ (35) $23,918 + 37,645 =$
 (23) $37,896 + 59,642 =$ (36) $77,782 + 66,593 =$
 (24) $28,263 + 95,874 =$ (37) $64,028 + 73,652 =$
 (25) $76,468 + 29,103 =$ (38) $59,413 + 86,254 =$
 (26) $52,937 + 81,025 =$ (39) $11,206 + 43,897 =$
 (27) $69,892 + 31,004 =$ (40) $52,789 + 43,694 =$
 (41) $98,704 + 56,372 + 69,746 + 10,293 =$
 (42) $10,874 + 21,365 + 58,246 + 39,778 =$
 (43) $7,082 + 6,984 + 5,682 + 3,295 =$
 (44) $65,438 + 89,662 + 78,965 + 94,383 =$
 (45) $4,043 + 3,689 + 2,734 + 4,129 =$
 (46) $67,832.4 + 5,293.6 + 8,469.3 =$
 (47) $39.8 + 596.4 + 687.2 =$
 (48) $8,203.4 + 9,006.7 + 4,086.5 =$
 (49) $432.5 + 938.5 + 526.3 =$
 (50) $96,253.3 + 69,872.5 + 33,624.4 =$
 (51) $10,397.3 + 59,114.6 + 11,384.6 =$
 (52) $7,024.6 + 4,386.3 + 6,629.7 =$
 (53) $438.6 + 297.5 + 462.8 =$
 (54) $6,029.5 + 7,649.3 + 2,895.4 =$

$$(55) \quad 72,538.6 + 438.9 + 726.7 =$$

6. 计算横竖各行合计及总计

$$\begin{array}{rcccl}
 (1) & 256 & 378 & 496 & 581 & 354 = \\
 & 497 & 587 & 642 & 976 & 849 = \\
 & 654 & 438 & 269 & 768 & 436 = \\
 & 289 & 477 & 658 & 279 & 465 = \\
 & 382 & 479 & 782 & 465 & 349 = \\
 & 578 & 647 & 935 & 487 & 404 = \\
 & 801 & 480 & 503 & 380 & 209 = \\
 & 892 & 987 & 687 & 389 & 685 = \\
 & 249 & 357 & 642 & 787 & 694 = \\
 & 654 & 367 & 896 & 479 & 867 = \\
 \hline
 & & & & & =
 \end{array}$$

$$\begin{array}{rcccl}
 (2) & 7,694 & 8,867 & 6,576 & 4,485 & 8,765 = \\
 & 6,658 & 6,496 & 8,894 & 8,667 & 7,794 = \\
 & 4,836 & 8,363 & 6,905 & 5,577 & 6,865 = \\
 & 8,769 & 8,658 & 7,586 & 6,809 & 8,368 = \\
 & 9,566 & 6,788 & 9,665 & 9,448 & 8,657 = \\
 \hline
 & & & & & =
 \end{array}$$

$$\begin{array}{rcccl}
 (3) & 66.84 & 857.41 & 66.87 & 58.79 & 77.49 = \\
 & 657.48 & 639.57 & 87.65 & 658.86 & 320.47 = \\
 & 588.79 & 76.94 & 87.83 & 63.45 & 917.23 = \\
 & 96.56 & 115.83 & 75.07 & 348.67 & 38.68 = \\
 & 348.59 & 88.03 & 488.47 & 89.96 & 57.14 = \\
 \hline
 & & & & & =
 \end{array}$$

$$\begin{array}{r}
 (4) \quad 328.66 \quad 576.03 \quad 694.25 \quad 789.62 \quad 886.57 = \\
 \quad 62.43 \quad 89.15 \quad 77.04 \quad 52.38 \quad 67.89 = \\
 \quad 794.81 \quad 695.63 \quad 889.62 \quad 438.75 \quad 624.66 = \\
 \quad 53.72 \quad 62.84 \quad 76.79 \quad 43.78 \quad 96.67 = \\
 \quad 266.89 \quad 380.46 \quad 667.82 \quad 789.10 \quad 438.34 = \\
 \quad 89.04 \quad 66.73 \quad 89.43 \quad 76.04 \quad 39.11 = \\
 \quad 809.12 \quad 765.12 \quad 781.31 \quad 776.25 \quad 381.74 = \\
 \quad 66.10 \quad 76.42 \quad 58.76 \quad 65.27 \quad 39.42 = \\
 \quad 627.81 \quad 896.43 \quad 538.75 \quad 679.41 \quad 621.23 = \\
 \quad \underline{92.38} \quad \underline{67.54} \quad \underline{52.33} \quad \underline{94.85} \quad \underline{69.41} = \\
 \hspace{15em} =
 \end{array}$$

(5)

	(一)	(二)	(三)	(四)	(五)	(六)	合 计
A	465	758	291	647	748	748	
B	657	748	748	348	576	583	
C	758	859	201	758	748	385	
D	274	647	757	453	384	573	
E	576	867	645	534	536	647	
F	213	657	748	298	744	657	
合计							

(6)

	(一)	(二)	(三)	(四)	(五)	(六)	合 计
A	367	793	287	724	773	254	
B	582	254	496	289	605	998	
C	689	478	513	363	894	896	
D	764	603	624	710	251	277	
E	308	891	817	583	763	995	
F	421	726	436	992	664	438	
G	594	547	595	437	381	992	
H	625	938	237	389	258	598	
L	823	462	928	496	264	699	
M	946	354	643	524	908	820	
合计							

(7)

	(一)	(二)	(三)	(四)	合 计
A	623.54	438.02	660.74	778.04	
B	894.03	943.74	78.65	625.37	
C	724.04	568.13	927.81	567.82	
D	982.73	49.52	43.87	73.54	
E	465.24	706.98	667.54	625.83	
F	830.72	52.74	52.73	435.67	
G	96.57	687.82	668.92	69.71	
H	432.03	43.54	79.54	241.32	
L	42.93	308.42	309.73	59.81	
M	896.07	92.78	64.59	674.75	
合计					

(8)

	(一)	(二)	(三)	合 计
1	6,537.83	5,092.73	230.45	
2	5,286.73	438.25	6,384.72	
3	392.86	6,792.43	523.38	
4	7,938.92	796.38	7,689.43	
5	623.54	2,413.97	384.52	
6	36.83	6,065.08	2,463.78	
7	9,287.51	435.46	9,746.53	
8	492.73	8,763.54	624.39	
9	59.63	4,089.73	5,280.00	
10	7,604.25	695.64	496.30	
11	280.34	8,309.71	8,806.51	
12	4,038.96	253.12	296.73	
合计				

(9)

	(一)	(二)	(三)	合 计
1	4,253.86	5,080.43	6,972.83	
2	369.00	724.56	896.74	
3	2,896.13	4,678.56	3,912.78	
4	556.71	294.82	389.47	
5	6,278.46	5,308.74	2,930.71	
6	426.53	674.58	836.52	
7	4,438.79	5,293.81	7,213.46	
8	896.64	231.76	589.43	
9	7,084.03	6,708.12	5,607.16	
10	341.26	726.43	789.52	
合计				

7. 长数码加算题

$$\begin{array}{r}
 (1) \quad 5,283,946 \\
 \quad 698,453 \\
 \quad 7,246,894 \\
 \quad 597,635 \\
 \quad 4,876,312 \\
 \quad 987,496 \\
 \quad 2,649,594 \\
 \quad 708,463 \\
 \quad 9,476,392 \\
 \hline
 \quad 674,295
 \end{array}$$

$$\begin{array}{r}
 (2) \quad 42,586,793 \\
 \quad 6,725,492 \\
 \quad 308,405 \\
 \quad 29,537,644 \\
 \quad 3,657,235 \\
 \quad 943,864 \\
 \quad 48,670,259 \\
 \quad 7,294,386 \\
 \quad 88,026,703 \\
 \hline
 \quad 7,415,674
 \end{array}$$

$$\begin{array}{r}
 (3) \quad 926,375.4327 \\
 \quad 58,924.7038 \\
 \quad 940,813.6543 \\
 \quad 46,278.7089 \\
 \quad 386,792.5736 \\
 \quad 42,938.4662 \\
 \quad 9,836.1247 \\
 \quad 998,763.1024 \\
 \quad 4,389.1763 \\
 \hline
 \quad 586,774.5604
 \end{array}$$

$$\begin{array}{r}
 (4) \quad 35,864,932.43 \\
 \quad 5,296,083.02 \\
 \quad 64,729,896.72 \\
 \quad 336,981.54 \\
 \quad 92,674,831.76 \\
 \quad 5,284,367.54 \\
 \quad 46,589,721.73 \\
 \quad 370,625.81 \\
 \quad 11,694,729.74 \\
 \hline
 \quad 6,543,503.86
 \end{array}$$

(5)	628,754,937,665	(6)	52,847,903,462.84
	42,798,876,525		3,769,538,786.73
	369,784,002,938		26,543,998,673.25
	46,924,763,854		4,362,793,847.68
	625,834,986,128		943,626,728.04
	<u>74,901,384,665</u>		<u>12,468,943,892.75</u>

(7)	436,972,536,812	(8)	625,386,729,603
	49,864,285,903		598,763,064,298
	364,502,764,215		72,352,641,870
	38,621,726,384		930,289,452
	627,986,124,578		3,764,896
	<u>46,208,396,723</u>		<u>61,784,935,408</u>

(9)	437,695	(10)	238,964
	28,736		57,643
	952,964		294,857
	38,429		39,086
	704,231		477,694
	95,786		58,126
	623,654		723,545
	29,386		16,087
	57,642		498,623
	294,081		72,645
	16,235		301,743
	<u>812,941</u>		<u>92,638</u>

(11) 438,926,735.72
 29,403,624.83
 964,892.01
 38,569.73
 4,672,843.61
 28,669.74
 594,836,908.09
 472,386.73
 403,942,669.12
 735,846.73
 64,321,891.38
9,872,094.06

(12) 907,284,392.63
 47,250,691.04
 89,732.76
 37,458.09
 2,648,935.67
 413,746,864.25
 634,391.13
 268,401,394.65
 436,243.12
 72,513,468.73
 92,638.47
342,385,963.04

(13) 34,238,937.43
 56,241.06
 724,531.67
 99,817,396.11
 28,476.54
 4,312,584.67
 9,208.43
 734,831.16
 67,291,425.03
 4,708.29
 30,295.73
81,462,743.56

(14) 29,376,438.67
 52,678.04
 73,692.84
 47,603,896.12
 397,625.73
 14,528.74
 28,309,276.51
 7,234,897.64
 253,796.52
 38,624.31
 2,567,390.43
73,864,386.07

(15) 23,876,538
 694,127,869
 43,876,128
 9,369,512
 874,903,524
 2,386,729
 4,072,174
 291,438,263
 8,603,932
 43,724,938
 5,413,276
60,248,913

(16) 490,876,523
 39,284,637
 381,291,772
 85,946,121
 436,512,784
 29,053,961
 4,678,124
 398,294,537
 64,725,812
 6,639,024
 703,896,527
4,320,842

(17) 902,738,453
 3,869,526
 743,815
 426,837,989
 43,625,102
 7,634,327
 948,125,613
 4,308,956
 273,914,427
 523,462
 6,903,814
3,226,731

(18) 396,728,432
 792,384
 62,781,306
 3,245,627
 498,692
 72,581,346
 336,428
 6,903,241
 672,569
 84,294,386
 321,754
5,296,389