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# CORRIGENDA

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I. *A table of the explicit formulas for the sums of powers* $S_p(n)=\sum_{k=1}^{n} k^p$ *for* $p=1\,(1)\,61$, these Rep. No. 20 (Dec., 1987), 11–31.

On p. 14, the both members of the formula representing $S_{23}(n)$ are divisible by 23. Thus we should read

$$\begin{aligned}720S_{23}(n) = {}& n^2(n+1)^2(30n^{20} + 300n^{19} + 750n^{18} - 1800n^{17} - 7776n^{16} + 17352n^{15} \\ & + 69212n^{14} - 1\;55776n^{13} - 4\;93131n^{12} + 11\;42038n^{11} + 26\;66455n^{10} - 64\; \\ & 74948n^{9} - 102\;50315n^{8} + 269\;75578n^{7} + 249\;43119n^{6} - 768\;61816n^{5} - 277\; \\ & 01758n^{4} + 1322\;65332n^{3} - 148\;61886n^{2} - 1025\;41560n + 512\;70780)\end{aligned}$$

instead of

$$\begin{aligned}16560S_{23}(n) = {}& n^2(n+1)^2(690n^{20} + 6900n^{19} + 17250n^{18} - \cdots - 23584\;55880n + 11792\; \\ & 27940).\end{aligned}$$

Similarly, on pp. 18–19, the both sides of the formula expressing $S_{41}(n)$ are divisible by 41. Therefore we should read

$$\begin{aligned}13860S_{41}(n) = {}& n^2(n+1)^2(330n^{38} + 6270n^{37} + 34485n^{36} - 75240n^{35} - 11\;15235n^{34} + 23\; \\ & 05710n^{33} + 377\;20705n^{32} - 777\;47120n^{31} - 11805\;58500n^{30} + 24388\;64120n^{29} \\ & + 3\;30889\;04585n^{28} - 6\;86166\;73290n^{27} - 81\;95121\;12573n^{26} + 170\;76408\; \\ & 98436n^{25} + 1775\;54185\;11501n^{24} - 3721\;84779\;21438n^{23} - 33301\;97740\; \\ & 43847n^{22} + 70325\;80260\;09132n^{21} + 5\;34274\;23573\;67833n^{20} - 11\;38874\;27407\; \\ & 44798n^{19} - 72\;27892\;32390\;91857n^{18} + 155\;94658\;92189\;28512n^{17} + 810\;26785\; \\ & 04847\;45933n^{16} - 1776\;48229\;01884\;20378n^{15} - 7362\;95473\;79024\;36727n^{14} \\ & + 16502\;39176\;59932\;93832n^{13} + 52687\;78517\;08935\;54393n^{12} - 1\;21877\;96210\; \\ & 77804\;02618n^{11} - 2\;85118\;80770\;40981\;89037n^{10} + 6\;92115\;57751\;59767\; \\ & 80692n^{9} + 10\;96163\;68766\;10469\;24253n^{8} - 28\;84442\;95283\;80706\;29198n^{7} \\ & - 26\;67400\;66432\;00690\;89360n^{6} + 82\;19244\;28147\;82088\;07918n^{5} + 29\;62385\end{aligned}$$

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$71510\ 57459\ 07749n^4 - 141\ 44015\ 71168\ 97006\ 23416n^3 + 15\ 89270\ 76741\ 94187\ 48637n^2 + 109\ 65474\ 17685\ 08631\ 26142n - 54\ 82737\ 08842\ 54315\ 63071)$

instead of

$$5\ 68260S_{41}(n)=n^2(n+1)^2(13530n^{38} + 2\ 57070n^{37} + 14\ 13885n^{36} - \cdots + 4495\ 84441\ 25088\ 53881\ 71822n - 2247\ 92220\ 62544\ 26940\ 85911).$$

II. *A table of the explicit formulas for the sums of powers* $S_p(n)=\sum_{k=1}^{n} k^p$ *for* $p=1\,(1)\,61$, II, these Rep. No. 21 (Feb., 1989), 49–64.

On p. 50, line 6 from the bottom, we should read Mr. Shigeshi Shirasaka for Shigeru Shirasaka.

On p. 55, corresponding to the reduction mentioned in I above, we should read

$$720S_{23}(n)=m^2(30m^{10} - 600m^9 + 7524m^8 - 72160m^7 + 5\ 44599m^6 - 31\ 82232m^5 + 139\ 00616m^4 - 430\ 94016m^3 + 876\ 79674m^2 - 1025\ 41560m + 512\ 70780)$$

for

$$16560S_{23}(n)=m^2(690m^{10} - 13800m^9 + 1\ 73052m^8 - \cdots - 23584\ 55880m + 11792\ 27940).$$

Similarly, on p. 58 we should read

$$13860S_{41}(n)=m^2(330m^{19} - 21945m^{18} + 9\ 63270m^{17} - 350\ 85875m^{16} + 11196\ 08820m^{15} - 3\ 16053\ 73965m^{14} + 78\ 68051\ 13512m^{13} - 1714\ 88180\ 61540m^{12} + 32421\ 78909\ 21078m^{11} - 5\ 25912\ 23202\ 65099m^{10} + 72\ 25369\ 86279\ 32094m^9 - 827\ 97178\ 04626\ 94439m^8 + 7768\ 33044\ 83182\ 16590m^7 - 58325\ 32903\ 97168\ 20026m^6 + 3\ 40407\ 74788\ 81408\ 51248m^5 - 14\ 86584\ 19698\ 23741\ 09528m^4 + 46\ 08391\ 10717\ 31881\ 31594m^3 - 93\ 76203\ 40943\ 14443\ 77505m^2 + 109\ 65474\ 17685\ 08631\ 26142m - 54\ 82737\ 08842\ 54315\ 63071)$$

for

$$5\ 68260S_{41}(n)=m^2(13530m^{19} - 8\ 99745m^{18} + 394\ 94070m^{17} - \cdots + 4495\ 84441\ 25088\ 53881\ 71822m - 2247\ 92220\ 62544\ 26940\ 85911).$$