

Erratum to “Extensions of Hardy-type true-implies-false gadgets to classically obtain indistinguishability”

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Table I of Reference [1] is incomplete, as the partition logic representations of atoms 19, 20, and 21 are missing [2]. Here are these missing entries:

$$\begin{aligned} 19 &= \{4,12,13,14,15,16,22,23,24,25,26,29,30,33,34,38,42,46,50,74,75,76,77,78, \\ &\quad 84,85,86,87,88,91,92,95,96,100,104,108,112,136,137,138,139,140, \\ &\quad 146,147,148,149,150,158,159,167,168,176,177,185,186\}, \\ 20 &= \{27,28,29,30,35,36,37,38,43,44,45,46,51,52,53,54,55,61,62,65,66,89,90,91, \\ &\quad 92,97,98,99,100,105,106,107,108,113,114,115,116,117,123,124,127, \\ &\quad 128,131,132,133,134,135,136,137,138,139,140,151,152,153,154,155, \\ &\quad 156,157,158,159,169,170,171,172,173,174,175,176,177\}, \\ 21 &= \{31,32,33,34,39,40,41,42,47,48,49,50,56,57,58,59,60,63,64,67,68,93,94,95, \\ &\quad 96,101,102,103,104,109,110,111,112,118,119,120,121,122,125,126, \\ &\quad 129,130,141,142,143,144,145,146,147,148,149,150,160,161,162,163, \\ &\quad 164,165,166,167,168,178,179,180,181,182,183,184,185,186\}. \end{aligned}$$

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[1] Karl Svozil, “Extensions of Hardy-type true-implies-false gadgets to classically obtain indistinguishability,” *Physical Review A* **103**, 022204 (2021).

[2] Christian Jendreiko, (2023), email message to the author, June 25th, 2023.