

## Erratum to: The Ramanujan $\tau$ -Function

**Erratum to: M.R. Murty, V.K. Murty, *The Mathematical Legacy of Srinivasa Ramanujan*, pp. 11–23,  
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Page 17: The third displayed equation should be a congruence (mod 2). It is clearer if we note  $(1 - q^n)^{24} \equiv (1 - q^{8n})^3 \pmod{2}$  and observe that

$$\prod_{n=1}^{\infty} (1 - q^{8n})^3 = \sum_{m=0}^{\infty} (-1)^m (2m + 1) q^{4m^2 + 4m} \equiv q^{4m^2 + 4m} \pmod{2}.$$

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