Erratum to: Performance of a Structure Consisting a 2-Out-of-3:F Substructure Under Human Failure

Mangey Ram · Amit Kumar

Published online: 9 January 2015
© King Fahd University of Petroleum and Minerals 2014

Erratum to: Arab J Sci Eng (2014) 39:8383–8394
DOI 10.1007/s13369-014-1347-5

In Eq. (42) of the published paper, the H_1 , H_2 , H_3 , H_4 , H_5 equal to

$$H_1 = \frac{\lambda_1 \left[\mu_1 + \frac{(\lambda_2 + \lambda_3)\mu}{(s + \mu)} + \frac{\lambda_h \mu_h}{(s + \mu_h)} + \frac{\lambda_B \mu_{AB}}{(s + \mu_{AB})} \right]}{(s + \lambda_B + \lambda_2 + \lambda_3 + \lambda_h + \mu_1)}$$

$$H_2 = \frac{\lambda_2 \left[\mu_2 + \frac{(\lambda_1 + \lambda_3)\mu}{(s + \mu)} + \frac{\lambda_h \mu_h}{(s + \mu_h)} + \frac{\lambda_B \mu_{AB}}{(s + \mu_{AB})} \right]}{(s + \lambda_B + \lambda_1 + \lambda_3 + \lambda_h + \mu_2)}$$

$$H_3 = \frac{\lambda_3 \left[\mu_3 + \frac{(\lambda_1 + \lambda_2)\mu}{(s + \mu)} + \frac{\lambda_h \mu_h}{(s + \mu_h)} + \frac{\lambda_B \mu_{AB}}{(s + \mu_{AB})} \right]}{(s + \lambda_B + \lambda_1 + \lambda_2 + \lambda_h + \mu_3)}$$

$$H_4 = \left[\frac{\lambda_h \mu_h}{(s + \mu_h)} + \frac{\lambda_B \mu_B}{(s + \mu_B)} \right]$$

$$H_5 = (s + \lambda_1 + \lambda_2 + \lambda_3 + \lambda_B + \lambda_h)$$

The online version of the original article can be found under doi:[10.1007/s13369-014-1347-5](https://doi.org/10.1007/s13369-014-1347-5).

M. Ram (✉) · A. Kumar
Department of Mathematics, Graphic Era University Dehradun,
Uttarakhand, India
e-mail: drmrswami@yahoo.com

A. Kumar
e-mail: amit303singh@gmail.com