

$$d_{(G_1[G_2]G_2)}(u_1, u_2) = \sum_{(u_1, u_2)(x, y) \in E(G_1 \circ G_2)} \rho(u_1, u_2)(x, y) = 0.2 + 0.3 = 0.5$$

and they are not the same.

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