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Fawwaz T. Ulaby and Umberto Ravaioli, Fundamentals of Applied Electromagnetics c 2019 Prentice Hall Exercise 1.4 The wave shown in red in Fig. E1.4 is given by $u = 5\cos 2\pi t - 8$. Of the following four equations: (1) $u = 5\cos(2\pi t - 8 \text{ p} = 4)$, (2) $u = 5\cos(2\pi t - 8 \text{ p} = 4)$, (3) $u = 5\cos(2\pi t - 8 \text{ p} = 4)$, (4) $u = 5\sin 2\pi t - 8$, (a) which equation applies to the green wave?

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