Chapter 9, Problem 19.

Using phasors, find:

(a) $3 \cos(20t + 10°) - 5 \cos(20t - 30°)$

(b) $40 \sin 50t + 30 \cos(50t - 45°)$

(c) $20 \sin 400t + 10 \cos(400t + 60°) - 5 \sin(400t - 20°)$