

which gives the complete solution.

Case 2. $k = 3$.

$$\lambda_1 = \frac{1}{4} \sec^2\left(\frac{3\pi}{7}\right), \quad \lambda_2 = \frac{1}{4} \sec^2\left(\frac{2\pi}{7}\right), \quad \lambda_3 = \frac{1}{4} \sec^2\left(\frac{\pi}{7}\right)$$

$$\begin{array}{lll} f_1(0) = 0 & f_2(0) = 0 & f_3(0) = 1 \\ f_1(1) = 1 & f_2(1) = 2 & f_3(1) = 3 \\ f_1(2) = 6 & f_2(2) = 11 & f_3(2) = 14 \end{array} .$$

Thus

$$\begin{aligned} f_3(n) &= B_{31}\lambda_1^n + B_{32}\lambda_2^n + B_{33}\lambda_3^n \\ 1 &= B_{31} + B_{32} + B_{33} \\ 3 &= B_{31}\lambda_1 + B_{32}\lambda_2 + B_{33}\lambda_3 \\ 14 &= B_{31}\lambda_1^2 + B_{32}\lambda_2^2 + B_{33}\lambda_3^2 \end{aligned} .$$

Solving simultaneously,

$$B_{31} = \frac{\lambda_2\lambda_3 - 3(\lambda_2 + \lambda_3) + 14}{(\lambda_1 - \lambda_2)(\lambda_1 - \lambda_3)} .$$

Calculating $\lambda_1, \lambda_2, \lambda_3$ and substituting above gives $B_{31} \approx 0.537$, so that

$$f_3(n) \sim 0.537 \left(\frac{1}{2} \sec\left(\frac{3\pi}{7}\right) \right)^{2n} .$$



[Continued from page 301.]

Page 49, Eq. (33): Please change the last number on the line from "3" to "1."

Page 49, Line following Eq. (34): Please raise "(mod 3)" to the main line of type.

Page 49, line 6 from bottom: Please insert brackets around $X(X-1), X$.

Page 53, line 2 from bottom: In the third column from the left, please change the number to read: " 2 750 837 603 ."

