Math 74, Week 10

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1 Mon Lec, 6c

$$z^{n-1} - 1 = \prod_{n=0}^{n-1}(z - \omega_n)$$

As shown in class, the complex roots are evenly spaced across the unit circle, $2\pi/n$ apart.

$$\omega_k = e^{2\pi i \frac{m}{n}}$$