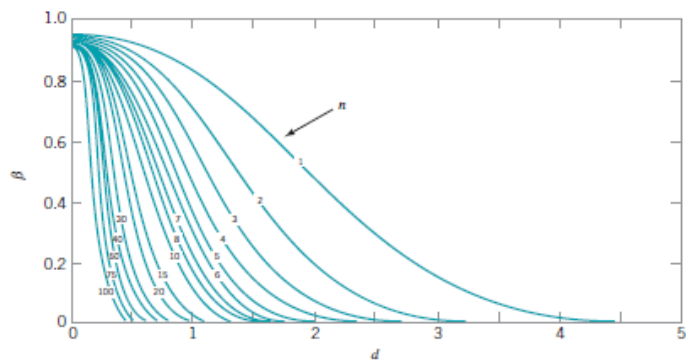


■ Inferences about Process Quality



■ **FIGURE 4.7** Operating-characteristic curves for the two-sided normal test with $\alpha = 0.05$. (Reproduced with permission from C. L. Ferris, F. E. Grubbs, and C. L. Weaver, "Operating Characteristic Curves for the Common Statistical Tests of Significance," *Annals of Mathematical Statistics*, June 1946.)