$$stdev(angle) = \sqrt{\frac{\begin{array}{l}(9.0-5.1)^2 + (3.1-5.1)^2 + (4.1-5.1)^2 + (9.7-5.1)^2 + (6.8-5.1)^2 + \\ (5.2-5.1)^2 + (8.2-5.1)^2 + (0.0-5.1)^2 + (1.0-5.1)^2 + (3.6-5.1)^2\end{array}}{9}} = 3.3$$