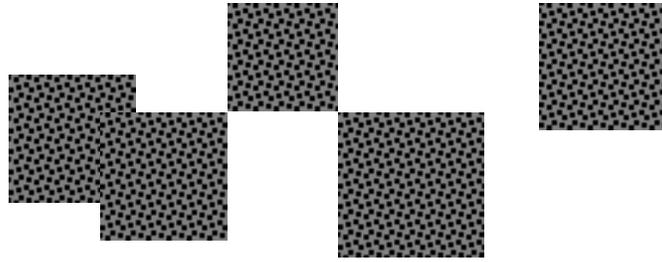
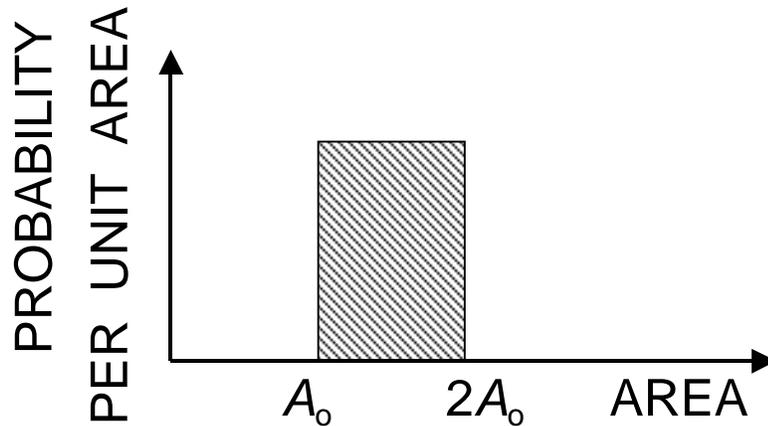


# CELL COLONIES



## UNIFORM DISTRIBUTION OF CELL AREA



NORMALIZED PROBABILITY DENSITY =  $P_A = 1/A_0$

$$\langle A \rangle = 3A_0 / 2 \quad \langle A^2 \rangle = 7A_0^2 / 3$$

$$[\langle A^2 \rangle / \langle A \rangle^2 - 1]^{1/2} = 0.19$$

## CELL SHAPE: PROLATE vs. OBLATE

