

(a)

$$\rho(\beta) = \text{[Diagram: A solid olive-green rectangle with six vertical red lines passing through it]} \sim \text{[Diagram: A chain of six white circles connected by a blue line, with six vertical red lines passing through each circle]}$$

(b)

$$\begin{array}{l} \rho(\beta/2) \\ \rho(\beta/2) \end{array} \text{[Diagram: Two parallel chains of six white circles connected by blue lines, with six vertical red lines passing through each circle]} \sim \text{[Diagram: A chain of six gray circles connected by a blue line, with six vertical red lines passing through each circle]} \quad \rho(\beta)$$