



Generation of Granular Ball Space Using 2-Means Based on the Discourse U

$$U = U_1 \cup U_2$$

$$U_1 = U_{11} \cup U_{12}$$

$$U_2 = U_{21} \cup U_{22}$$

$$U_{11} = U_{111} \cup U_{112}$$

$$GranularBallSpace = LeafNode = U_{111} \cup U_{112} \cup U_{12} \cup U_{21} \cup U_{22}$$