$|K(G, u') = tr[p(u') p(u)] | \underset{\text{Encod}}{\text{Pentral}} | < \phi' | \phi |^2$ $|P(u) = |\phi \times \phi| | \forall \text{ feature maps } \phi$ If $m \to \emptyset R_{\alpha}(u)$ $|\Phi(u)| = \cos(\frac{\alpha}{2}) \text{ fix } \sin(\frac{\alpha}{2})$ |O(0)| = |O(1)| $|O(1)| = \cos(\frac{\alpha}{2}) \text{ fix } \sin(\frac{\alpha}{2})$ $|O(1)| = \cos(\frac{\alpha}{2}) \text{ fix } \cos(\frac{\alpha}{2}) \text{ from } \cos(\frac{\alpha}{2}) = 1 + c\phi$

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