

Protein-Protein Binding Affinity

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Protein Interaction Problem



Figure 1: Protein Complex Example

$$\mathcal{A} = \{Ala, Arg, Asn, \dots, Val\}$$

$$a_i \in \mathbf{R}^3 \text{ - atom}$$

$$PR = \{a_i\} \in \mathbf{R}^{3*} \text{ - single protein}$$

$$PC = (PR_0, PR_1) \text{ - protein complex}$$