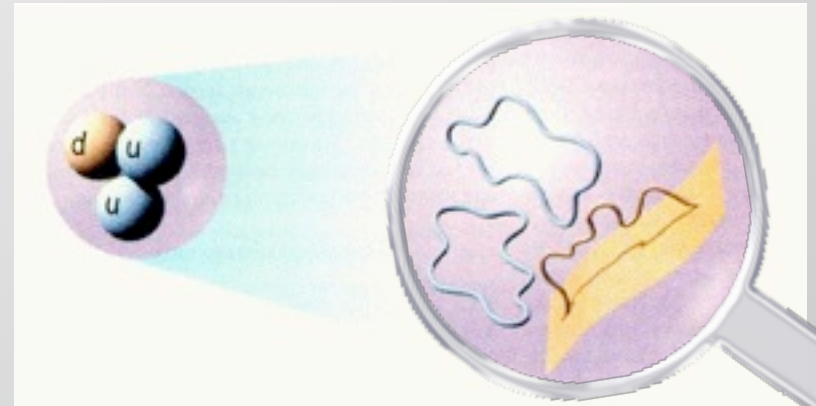


string theory: unification of interactions

elementary objects are not point particles, but **extended strings**



particles \leftrightarrow string vibration modes

light degrees of freedom $\left\{ \begin{array}{l} \text{open strings} \leftrightarrow \text{gauge fields} \\ \text{closed strings} \leftrightarrow \text{gravitational field} \end{array} \right.$

string interactions

