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Effects of Universal Lűscher Term in Static Properties of Mesons.

Nambu-Goto string predicts the long distance quark-antiquark potential to be :
$V(r) = \sigma r + \mu + \gamma / r + O(1/r2)$.
The coefficient $\gamma = -\pi(d-2)/24$ is the universal Lűscher term which depends on the space-time dimension 'd'.
Recent lattice calculation of the force versus distance supports this potential for $r>0$ and $d=3$ & 4.
We use quantum mechanical Dalgerno's method to calculate the effect of Luscher term in quark-antiquark wave function and apply it to the mass and decay constants of heavy-light and heavy-heavy mesons.

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