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Equidistance constraints: solution for
non-equal masses
Vector3 pa, pb; // curr positions of a,b
float ma, mb; // masses of a,b
float d; // distance (to enforce)
Vector3 v = pa - pb;
float currDist = v.length;
v /= currDist; // normalization of v
float delta = currDist - d ;
/* solutions of the minimization: */
pa += ( mb/(ma+mb) * delta) * v;
pb -= ( ma/(ma+mb) * delta) * v;
```









