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The simplified Lennard-Jones (LJ) potential minimization problem is $f(x)=4\sum_{i=1}^N \sum_{j=1,j<i}^N (\frac{i=1}^N \sum_{i=1,j<i}^N (\frac{i=1}^N \sum_{i=1,j<i}^N (\frac{i}_i)^{6} -\frac{i}_i \sum_{i=1,j < i=1,j < i}^N (\frac{i}_i)^{6} -\frac{i}_i \sum_{i=1,j<i}^N (\frac{i}_i)^{6} -\frac{i}_i \sum_{i=1,j<i}^N (\frac{i}_i)^{6} -\frac{i}_i \sum_{i=1,j<i}^N (\frac{i}_i)^{6} -\frac{i}_i \sum_{i=1,j < i}^N (\frac{i}_i)^{6} -\frac{i}$

Canonical dual theory applied to a Lennard-

Jones potential minimization problem

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