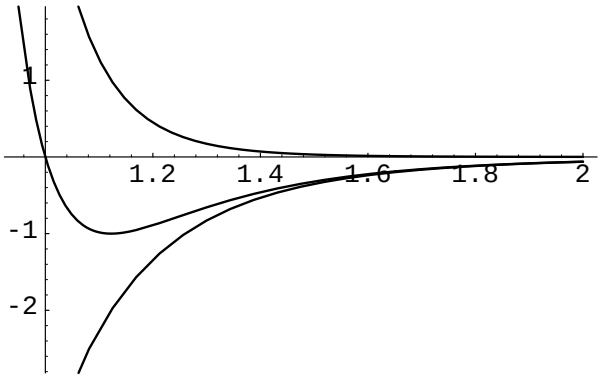
g012=Show[g0,g1,g2]



-Graphics-

D[4*((1/x)^12-(1/x)^6), x]

$$4\left(\frac{-12}{x^{13}}+\frac{6}{x^{7}}\right)$$

Solve[% == 0,x]

$$\{\{x \to -2^{1/6}\}, \{x \to 2^{1/6}\}, \{x \to -((-1)^{1/3}\,2^{1/6})\},$$
$$\{x \to (-1)^{1/3}\,2^{1/6}\}, \{x \to -((-1)^{2/3}\,2^{1/6})\},$$
$$\{x \to (-1)^{2/3}\,2^{1/6}\}\}$$

N[%]

```
{{x -> -1.12246}, {x -> 1.12246},
  {x -> -0.561231 - 0.972081 I},
  {x -> 0.561231 + 0.972081 I},
  {x -> 0.561231 - 0.972081 I},
  {x -> -0.561231 + 0.972081 I}}
```