$$x = -\frac{1}{2}\sqrt{\left(\frac{c^2}{4\,b^2} + \frac{1}{3\,\sqrt[3]{2}\,b}\left(\left(\sqrt{\left((-72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)^2 - 4\left(12\,b\,f - 3\,c\,e + d^2\right)^3\right)} - 72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)\text{^}(1/3)\right) + \left(\sqrt[3]{2}\,\left(12\,b\,f - 3\,c\,e + d^2\right)\right)\Big/\left(3\,b\left(\sqrt{\left((-72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)^2 - 4\left(12\,b\,f - 3\,c\,e + d^2\right)^3\right)} - 72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)\text{^}(1/3)\right) - \frac{2\,d}{3\,b}\right) - \frac{1}{2}\sqrt{\left(\frac{c^2}{2\,b^2} - \left(-\frac{c^3}{b^3} + \frac{4\,c\,d}{b^2} - \frac{8\,e}{b}\right)\Big/\left(4\sqrt{\left(\frac{c^2}{4\,b^2} + \frac{1}{3\,\sqrt[3]{2}\,b}\left(\left(\sqrt{\left((-72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)^2 - 4\left(12\,b\,f - 3\,c\,e + d^2\right)^3\right)} - 72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)\text{^}(1/3)\right) + \left(\sqrt[3]{2}\,\left(12\,b\,f - 3\,c\,e + d^2\right)\right)\Big/\left(3\,b\left(\sqrt{\left((-72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)^2 - 4\left(12\,b\,f - 3\,c\,e + d^2\right)^3\right)} - 72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)\text{^}(1/3)\right) - \frac{2\,d}{3\,b}\right)\right) - \frac{1}{3\,\sqrt[3]{2}\,b}\left(\left(\sqrt{\left((-72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)^2 - 4\left(12\,b\,f - 3\,c\,e + d^2\right)^3\right)} - 72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)\text{^}(1/3)\right) - \left(\sqrt[3]{2}\,\left(12\,b\,f - 3\,c\,e + d^2\right)\right)\Big/\left(3\,b\left(\sqrt{\left((-72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)^2 - 4\left(12\,b\,f - 3\,c\,e + d^2\right)^3\right)} - 72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)\text{^}(1/3)\right) - \frac{4\,d}{3\,b}\right) - \frac{c}{4\,b} \wedge a = 0 \wedge b \neq 0$$

$$x = -\frac{1}{2}\sqrt{\left(\frac{c^2}{4b^2} + \frac{1}{3\sqrt[3]{2}\,b}\left(\left(\sqrt{\left((-72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3)^2 - 4\right.\right.\right.\right.$$
$$\left.\left.\left.\left.(12\,b\,f - 3\,c\,e + d^2)^3\right)} - 72\,b\,d\,f + 27\,b\,e^2 + \right.\right.\right.$$
$$\left.\left.27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)\text{^}(1/3)\right) + \left(\sqrt[3]{2}\,(12\,b\,f - 3\,c\,e + d^2)\right)\Big/$$
$$\left(3\,b\left(\sqrt{\left((-72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3)^2 - \right.\right.\right.$$
$$\left.\left.\left.4\,(12\,b\,f - 3\,c\,e + d^2)^3\right)} - 72\,b\,d\,f + \right.\right.$$
$$\left.\left.27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)\text{^}(1/3)\right) - \frac{2\,d}{3\,b}\Bigg) +$$
$$\frac{1}{2}\sqrt{\left(\frac{c^2}{2\,b^2} - \left(-\frac{c^3}{b^3} + \frac{4\,c\,d}{b^2} - \frac{8\,e}{b}\right)\Big/\left(4\sqrt{\left(\frac{c^2}{4\,b^2} + \frac{1}{3\sqrt[3]{2}\,b}\right.\right.\right.}\right.$$
$$\left.\left.\left.\left(\left(\sqrt{\left((-72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3)^2 - \right.\right.\right.\right.\right.$$
$$\left.\left.\left.\left.\left.4\,(12\,b\,f - 3\,c\,e + d^2)^3\right)} - 72\,b\,d\,f + 27\,b\,e^2 + \right.\right.\right.\right.$$
$$\left.\left.\left.\left.27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)\text{^}(1/3)\right) + \left(\sqrt[3]{2}\,(12\,b\,f - 3\,c\,e + d^2)\right)\Big/\right.\right.$$
$$\left.\left.\left(3\,b\left(\sqrt{\left((-72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3)^2 - \right.\right.\right.\right.\right.$$
$$\left.\left.\left.\left.\left.4\,(12\,b\,f - 3\,c\,e + d^2)^3\right)} - 72\,b\,d\,f + 27\,b\,e^2 + \right.\right.\right.\right.$$
$$\left.\left.\left.\left.27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)\text{^}(1/3)\right) - \frac{2\,d}{3\,b}\right)\right) - \frac{1}{3\sqrt[3]{2}\,b}$$
$$\left(\left(\sqrt{\left((-72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3)^2 - 4\,(12\,b\,f - 3\,c\,e + d^2)^3\right)} - \right.\right.$$
$$\left.\left.72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)\text{^}$$
$$(1/3)\Big) - \left(\sqrt[3]{2}\,(12\,b\,f - 3\,c\,e + d^2)\right)\Big/$$
$$\left(3\,b\left(\sqrt{\left((-72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3)^2 - \right.\right.\right.$$
$$\left.\left.\left.4\,(12\,b\,f - 3\,c\,e + d^2)^3\right)} - 72\,b\,d\,f + 27\,b\,e^2 + \right.\right.$$
$$\left.\left.27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)\text{^}(1/3)\right) - \frac{4\,d}{3\,b}\Bigg) - \frac{c}{4\,b} \wedge a = 0 \wedge b \neq 0$$

$$x = \frac{1}{2}\sqrt{\left(\frac{c^2}{4\,b^2} + \frac{1}{3\,\sqrt[3]{2}\,b}\right.}$$
$$\left(\left(\sqrt{\left((-72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)^2 - 4\left(12\,b\,f - 3\,c\,e + d^2\right)^3\right)} - \right.$$
$$\left.72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)\text{^}(1/3)\Big) +$$
$$\left(\sqrt[3]{2}\,\left(12\,b\,f - 3\,c\,e + d^2\right)\right)\Big/\left(3\,b\left(\sqrt{\left((-72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - \right.\right.\right.$$
$$\left.\left.\left.9\,c\,d\,e + 2\,d^3\right)^2 - 4\left(12\,b\,f - 3\,c\,e + d^2\right)^3\right)} - \right.$$
$$\left.72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)\text{^}(1/3)\Big) - \frac{2\,d}{3\,b}\Bigg) -$$
$$\frac{1}{2}\sqrt{\left(\frac{c^2}{2\,b^2} + \left(-\frac{c^3}{b^3} + \frac{4\,c\,d}{b^2} - \frac{8\,e}{b}\right)\Big/\left(4\sqrt{\left(\frac{c^2}{4\,b^2} + \frac{1}{3\,\sqrt[3]{2}\,b}\right.}\right.\right.}$$
$$\left(\left(\sqrt{\left((-72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)^2 - \right.\right.\right.$$
$$\left.\left.\left.4\left(12\,b\,f - 3\,c\,e + d^2\right)^3\right)} - 72\,b\,d\,f + 27\,b\,e^2 + \right.$$
$$\left.27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)\text{^}(1/3)\Big) + \left(\sqrt[3]{2}\,\left(12\,b\,f - 3\,c\,e + d^2\right)\right)\Big/$$
$$\left(3\,b\left(\sqrt{\left((-72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)^2 - \right.\right.\right.$$
$$\left.\left.\left.4\left(12\,b\,f - 3\,c\,e + d^2\right)^3\right)} - 72\,b\,d\,f + 27\,b\,e^2 + \right.$$
$$\left.\left.27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)\text{^}(1/3)\Big) - \frac{2\,d}{3\,b}\right)\Bigg) - \frac{1}{3\,\sqrt[3]{2}\,b}$$
$$\left(\left(\sqrt{\left((-72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)^2 - 4\left(12\,b\,f - 3\,c\,e + d^2\right)^3\right)} - \right.$$
$$\left.72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)\text{^}$$
$$(1/3)\Big) - \left(\sqrt[3]{2}\,\left(12\,b\,f - 3\,c\,e + d^2\right)\right)\Big/$$
$$\left(3\,b\left(\sqrt{\left((-72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)^2 - \right.\right.\right.$$
$$\left.\left.\left.4\left(12\,b\,f - 3\,c\,e + d^2\right)^3\right)} - 72\,b\,d\,f + 27\,b\,e^2 + \right.$$
$$\left.27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)\text{^}(1/3)\Big) - \frac{4\,d}{3\,b}\Bigg) - \frac{c}{4\,b} \wedge a = 0 \wedge b \neq 0$$

$$x = \frac{1}{2}\sqrt{\left(\frac{c^2}{4\,b^2} + \frac{1}{3\,\sqrt[3]{2}\,b}\right.}$$
$$\left(\left(\sqrt{\left((-72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)^2 - 4\left(12\,b\,f - 3\,c\,e + d^2\right)^3\right)} - \right.$$
$$\left.72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)\text{^}(1/3)\Big) +$$
$$\left(\sqrt[3]{2}\,\left(12\,b\,f - 3\,c\,e + d^2\right)\right)\Big/\left(3\,b\left(\sqrt{\left((-72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - \right.\right.\right.$$
$$\left.\left.\left.9\,c\,d\,e + 2\,d^3\right)^2 - 4\left(12\,b\,f - 3\,c\,e + d^2\right)^3\right)} - \right.$$
$$\left.72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)\text{^}(1/3)\Big) - \frac{2\,d}{3\,b}\Bigg) +$$
$$\frac{1}{2}\sqrt{\left(\frac{c^2}{2\,b^2} + \left(-\frac{c^3}{b^3} + \frac{4\,c\,d}{b^2} - \frac{8\,e}{b}\right)\Big/\left(4\sqrt{\left(\frac{c^2}{4\,b^2} + \frac{1}{3\,\sqrt[3]{2}\,b}\right.}\right.\right.}$$
$$\left(\left(\sqrt{\left((-72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)^2 - \right.\right.$$
$$\left.\left.4\left(12\,b\,f - 3\,c\,e + d^2\right)^3\right)} - 72\,b\,d\,f + 27\,b\,e^2 + \right.$$
$$\left.27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)\text{^}(1/3)\Big) + \left(\sqrt[3]{2}\,\left(12\,b\,f - 3\,c\,e + d^2\right)\right)\Big/$$
$$\left(3\,b\left(\sqrt{\left((-72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)^2 - \right.\right.\right.$$
$$\left.\left.\left.4\left(12\,b\,f - 3\,c\,e + d^2\right)^3\right)} - 72\,b\,d\,f + 27\,b\,e^2 + \right.$$
$$\left.\left.27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)\text{^}(1/3)\Big) - \frac{2\,d}{3\,b}\right)\Bigg) - \frac{1}{3\,\sqrt[3]{2}\,b}$$
$$\left(\left(\sqrt{\left((-72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)^2 - 4\left(12\,b\,f - 3\,c\,e + d^2\right)^3\right)} - \right.$$
$$\left.72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)\text{^}$$
$$(1/3)\Big) - \left(\sqrt[3]{2}\,\left(12\,b\,f - 3\,c\,e + d^2\right)\right)\Big/$$
$$\left(3\,b\left(\sqrt{\left((-72\,b\,d\,f + 27\,b\,e^2 + 27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)^2 - \right.\right.\right.$$
$$\left.\left.\left.4\left(12\,b\,f - 3\,c\,e + d^2\right)^3\right)} - 72\,b\,d\,f + 27\,b\,e^2 + \right.$$
$$\left.27\,c^2\,f - 9\,c\,d\,e + 2\,d^3\right)\text{^}(1/3)\Big) - \frac{4\,d}{3\,b}\Bigg) - \frac{c}{4\,b} \wedge a = 0 \wedge b \neq 0$$

$$x = \frac{\sqrt[3]{\sqrt{\left(-27\,c^2\,f + 9\,c\,d\,e - 2\,d^3\right)^2 + 4\left(3\,c\,e - d^2\right)^3} - 27\,c^2\,f + 9\,c\,d\,e - 2\,d^3}}{3\,\sqrt[3]{2}\,c} -$$
$$\frac{\sqrt[3]{2}\,\left(3\,c\,e - d^2\right)}{3\,c\,\sqrt[3]{\sqrt{\left(-27\,c^2\,f + 9\,c\,d\,e - 2\,d^3\right)^2 + 4\left(3\,c\,e - d^2\right)^3} - 27\,c^2\,f + 9\,c\,d\,e - 2\,d^3}} -$$
$$\frac{d}{3\,c} \wedge b = 0 \wedge a = 0 \wedge c \neq 0$$

$$x = -\frac{\left(1 - i\sqrt{3}\right)\sqrt[3]{\sqrt{\left(-27c^2f + 9cde - 2d^3\right)^2 + 4\left(3ce - d^2\right)^3} - 27c^2f + 9cde - 2d^3}}{6\sqrt[3]{2}\,c} + \frac{\left(1 + i\sqrt{3}\right)\left(3ce - d^2\right)}{3\times 2^{2/3}\,c\sqrt[3]{\sqrt{\left(-27c^2f + 9cde - 2d^3\right)^2 + 4\left(3ce - d^2\right)^3} - 27c^2f + 9cde - 2d^3}} - \frac{d}{3c} \wedge b = 0 \wedge a = 0 \wedge c \neq 0$$

$$x = -\frac{\left(1 + i\sqrt{3}\right)\sqrt[3]{\sqrt{\left(-27c^2f + 9cde - 2d^3\right)^2 + 4\left(3ce - d^2\right)^3} - 27c^2f + 9cde - 2d^3}}{6\sqrt[3]{2}\,c} + \frac{\left(1 - i\sqrt{3}\right)\left(3ce - d^2\right)}{3\times 2^{2/3}\,c\sqrt[3]{\sqrt{\left(-27c^2f + 9cde - 2d^3\right)^2 + 4\left(3ce - d^2\right)^3} - 27c^2f + 9cde - 2d^3}} - \frac{d}{3c} \wedge b = 0 \wedge a = 0 \wedge c \neq 0$$

$$x = \frac{-\sqrt{e^2 - 4df} - e}{2d} \wedge c = 0 \wedge b = 0 \wedge a = 0 \wedge d \neq 0$$

$$x = \frac{\sqrt{e^2 - 4df} - e}{2d} \wedge c = 0 \wedge b = 0 \wedge a = 0 \wedge d \neq 0$$

$$x = -\frac{f}{e} \wedge d = 0 \wedge c = 0 \wedge b = 0 \wedge a = 0 \wedge e \neq 0$$