

Then use the variables

$$a = \frac{1 + \sqrt{1 - 8\mu}}{4\sqrt{\mu}} b = \frac{1 + \sqrt{1 - 8\mu}}{4\sqrt{\mu}} \sqrt{\frac{1 + 4\mu - \sqrt{1 - 8\mu}}{2(1 + \mu)}}$$
$$b = \sqrt{\frac{1 + 4\mu - \sqrt{1 - 8\mu}}{2(1 + \mu)}}$$