$$\sqrt{a}\sqrt{y}\sqrt{f}\sqrt{a_j^3} \ \sqrt{a}\sqrt{y}\sqrt{f}\sqrt{a_j^3} \ \sqrt{a}\sqrt{y}\sqrt{f}\sqrt{a_j^3} \ \sqrt{a}\sqrt{y}\sqrt{f}\sqrt{a_j^3} \ \sqrt{a}\sqrt{y}\sqrt{f}\sqrt{a_j^3}$$