$$\frac{\partial f}{\partial A} = \frac{1}{2()^2}(BC(AB + AC + BC) - ABC(B + C))$$

$$\frac{\partial f}{\partial B} = \frac{1}{2()^2}(AC(AB + AC + BC) - ABC(A + C))$$

$$\frac{\partial f}{\partial C} = \frac{1}{2()^2}(AB(AB + AC + BC) - ABC(A + B))$$

Nur die Zähler $= 0$, Gleichungen schon durchB C, AC, AB

dividiert

(1) $AB + AC + BC - A(B + C) = 0$

(2) $AB + AC + BC - B(A + C) = 0$

(3) $AB + AC + BC - C(A + B) = 0$

(1) − (2): $BC = AC \Rightarrow A = B$
(1) − (3): $BC = AB \Rightarrow A = C$ $\} \Rightarrow A = B = C$