ArgMax

sei a>0 c <= q <= d dann ist ArgMax(a q^2+b q) gleich A

```
A[a_, b_, c_, d_] := Piecewise[{{c, Abs[c + b / 2 / a] > Abs[d + b / 2 / a]}}, d]

c = 0; d = 1; a = 1; b = -0.4; A[a, b, c, d]
Plot[{a A[a, b, c, d] ^ 2 + b A[a, b, c, d], a q ^ 2 + b q}, {q, c, d}]
```

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