ap_bunchjohnsonn

This algorithm of approximation of the price of the american option was proposed by Bunch-Johnson [1]

/*Critical Price/*
We compute the critical prices with a iterative method for non linear equation (cf. there).

/*Price/*
Approximation price(cf. there).

/*Delta/*
Approximation delta(cf. there).

References

[1] D.BUNCH H.JOHNSON. A simple and numerically efficient valuation method for american puts using a modified geske-johnsohn approach. *J.of Finance*, 47:809–816, 1992. 1