T can be on the interval OA or OB. Interval OA is mapped linearly onto the interval [-1, 0] of the perinuclearity measure, and interval AB is linearly mapped onto the [0, 1] interval of the said measure

Formula if

Formula if

This maps the entire area of the cell onto the [-1, 1] of perinuclearity measure: points outside the nucleus are mapped onto [0,1] such that at the nucleus’s border and at the peripheral membrane; points inside the nucleus’s area are mapped onto the interval [-1,0] such that at the nucleus’s center.