

**DETERMINATION OF SOME PARAMETERS OF THE TOTAL
SOLAR ECLIPSE OF 11 AUGUST 1999 BY INVERSE
INTERPOLATION SPLINES**

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Abstract: The technique of inverse interpolation spline functions is applied for the determination of the instants corresponding to different phases of solar eclipses. Using this method, we compute the visibility conditions for the 11 August 1999 solar eclipse in Baia-Mare.