



















It is seen that the trivariate polynomial interpolation can be investigated as the matrix equation and its coefficients can be computed directly from this matrix equation. In addition, it is shown that the bivariate polynomial interpolation (BPI) is expressed as the special case of the TPI when  $r = 0$  and the special formulae of the coefficients of the BPI are obtained using the inverse of the Vandermonde matrix. Also, the coefficients of the polynomial  $p(x)$  are computed using the closed formulae.

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