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M A Bastos, Lisbon, Portugal, **A Bravo**, Lisbon, Portugal, **Yuri I Karlovich**, Cuernavaca, Mexico, and **Ilya M Spitkovsky*** (ilya@math.wm.edu), Williamsburg, VA. *On explicit inversion of Toeplitz operators with 2-by-2 almost periodic triangular matrix symbols having quadrinomial off diagonal entry.*

the function $e^{i\mu x}$ on the real line \mathbb{R} , let $G = \begin{bmatrix} e_\lambda & 0 \\ f & e_{-\lambda} \end{bmatrix}$, where f is a linear combination of the functions e_α , e_β , $e_{\alpha-\lambda}$, $e_{\beta-\lambda}$ with some $(0 <) \alpha, \beta < \lambda$. The criterion for G to admit a canonical factorization was established recently by Avdonin, Bulanova and Moran. We give an alternative approach to the matter, proving the existence (when it does take place) via deriving explicit factorization formulas. Thus, the explicit inverses of the respective Toeplitz operators also are obtained. (Received April 12, 2010)