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*Dedicated to Professor Ioan A. RUS on the occasion of his 70<sup>th</sup> anniversary*

## **Dynamical localization conditions for dc-trigonal electric fields proceeding beyond the nearest neighbor description**

MARIA ANASTASIA JIVULESCU

ABSTRACT. Dynamic localization conditions proceeding beyond the nearest-neighbor description are derived by applying the quasi-energy description, in the case of the dc-trigonal electric field like  $E_0 + E_1(t)$ , for which  $\omega_B = P\omega/Q$ , where  $\omega_B = eaE_0/\hbar$  and  $\omega = 2\pi/T$  stand for, respectively, the Bloch and ac field frequencies, while  $P$  and  $Q$  are mutually prime integers. Concrete manifestations of dynamical localization have been presented for particular cases.

"POLITEHNICA" UNIVERSITY OF TIMIȘOARA  
DEPARTMENT OF MATHEMATICS  
P-ȚA VICTORIEI 2 ,300004, TIMIȘOARA, ROMANIA  
E-mail address: mariajivulescu@yahoo.com