

Kronecker sequences and quasi-periodic functions.

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We will discuss some properties of the Kronecker sequence

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$(\{\alpha_1 n\}, \dots, \{\alpha_m n\}), \backslash \backslash \backslash \backslash, n=1, 2, 3, \dots$

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and the properties of the functions of the type

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$F(t) = f(\alpha_1 t + \varphi_1, \dots, \alpha_m t + \varphi_m),$

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where $f(x_1, \dots, x_m)$ is a periodic function.