

Minimal translation and factorable (TF type) surfaces in the 3-dimensional Euclidean space E^3 .

Bendhiba Senoussi (ENS Mostaganem)

Abstract:

In E^3 , a translation and factorable TF surface is parametrized by

$$z(u,v)=A (f(u)+g(v)) + B f(u)g(v)$$

where f and g are smooth functions and A, B are constant.

Joint work with Mohammed Bekkar.