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Titre de thèse :

[Feyel and Chaboche, 2001]. Sequential approaches

bearing capacities civil of engineering structures. Actually, the concrete structures collapse because of micro cracks merging into a macro ones. These two stages trigger an asymmetric response in traction and compression of concrete specimen and are hard to comprehend physically without a proper microscopic description. Thus,



Publications :

I-referred journal papers:

1. Hautefeuille M., J.B. Colliat, A. Ibrahimbegovic, H. Matthies, P. Villon, 'Multiscale approach to



Plane Crash with Explosions, Fires, Wind Storms, Earthquakes with Tsunamis', Workshop on Construction under Exceptional Condition, Hanoi, Vietnam, October 29-31, 2010