Molecular dynamics simulations of rare-earth-doped glasses

Submitted by Victor Teboul on Wed, 03/04/2015 - 18:56

Titre	Molecular dynamics simulations of rare-earth-doped glasses
Type de publication	Article de revue
Auteur	Chaussedent, Stéphane [1], Teboul, Victor [2], Monteil, André [3]
Editeur	Elsevier
Type	Article scientifique dans une revue à comité de lecture
Année	2003
Langue	Anglais
Numéro	2
Pagination	111-116
Volume	7
Titre de la revue	Current Opinion in solid state and materials science
Mots-clés	Molecular dynamics [4], Simulation; Rare earth; Glass; Luminescence [5]
Résumé en anglais	In the recent years the use of the molecular dynamics technique has become very common in the study of glass. The purpose of the present paper is to focus on recent advancements on the use of this method to investigate rare-earth-doped glasses. We report an overview of the use of simulations to study their specific structural features and luminescence properties.
URL de la notice	http://okina.univ-angers.fr/publications/ua8579 [6]
DOI	10.1016/S1359-0286(03)00050-0 [7]

Liens

[1] http://okina.univ-angers.fr/stephane.chaussedent/publications
[2] http://okina.univ-angers.fr/v.teboul/publications
[3] http://okina.univ-angers.fr/publications?f[author]=8745
[4] http://okina.univ-angers.fr/publications?f[keyword]=9621
[5] http://okina.univ-angers.fr/publications?f[keyword]=14219
[6] http://okina.univ-angers.fr/publications/ua8579
[7] http://dx.doi.org/10.1016/S1359-0286(03)00050-0