

Bonjour à toutes et à tous,

Afin d'améliorer le partage interne de nos sujets de recherche, vous trouverez ci-dessous les 10 dernières références bibliographiques du LTDS (publications de rang A, extraction depuis HAL). Cette base de données est certainement incomplète. Nous comptons sur vous pour la rendre la plus exhaustive possible. Nous vous en souhaitons une bonne lecture.

Bien à vous,

Laurence & Jean-Luc

### HAL : Références LTDS 10 articles publiés dans une revue les plus récents en 2020

[1] **Transient effects of squeeze and starvation in an EHL contact under forced oscillation: On the film-forming capability.** Malik Yahiaoui, Denis Mazuyer, and Juliette Cayer-Barrioz. *Tribology International*, 150:106375, October 2020. doi: 10.1016/j.triboint.2020.106375. URL <https://hal.archives-ouvertes.fr/hal-02651377>.

[2] **Finite deformations govern the anisotropic shear-induced area reduction of soft elastic contacts.** J. Lengiewicz, M. De Souza, M. A. Lahmar, C. Courbon, D. Dalmas, S. Stupkiewicz, and J. Scheibert. *Journal of the Mechanics and Physics of Solids*, 143:104056, October 2020. doi: 10.1016/j.jmps.2020.104056. URL <https://hal.archives-ouvertes.fr/hal-02562750>. Version accepted at J. Mech. Phys. Solids. It includes Supplementary Information.

[3] **A robust and efficient numerical finite element method for cables.** Charl lie Bertrand, Vincent Acary, Claude-Henri Lamarque, and Alireza Ture Savadkoohi. *International Journal for Numerical Methods in Engineering*, 121(18):4157–4186, September 2020a. doi: 10.1002/nme.6435. URL <https://hal.inria.fr/hal-02439982>.

[4] **Real time imaging of strain fields induced by the ferrite-to-austenite transformation in high purity iron.** Nicolas Bruzy, Michel Coret, Bertrand Huneau, L. Stainier, Christophe Denoual, Marilyne Mondon, and Guillaume Kermouche. *Materials Today Communications*, 24:101028, September 2020. doi: 10.1016/j.mtcomm.2020.101028. URL <https://hal.archives-ouvertes.fr/hal-02864828>.

[5] **Study of an electromechanical nonlinear vibration absorber: Design via analytical approach.** Vinciane Guillot, Alireza Ture Savadkoohi, and Claude-Henri Lamarque. *Journal of Intelligent Material Systems and Structures*, pages 1–10, August 2020a. doi: 10.1177/1045389X20957101. URL <https://hal.archives-ouvertes.fr/hal-02930431>.

[6] **Robust optimization: a kriging-based multi-objective optimization approach.** M lina Ribaud, Christophe Blanchet-Scalliet, Fr d ric Gillot, and C line Helbert. *Reliability Engineering and System Safety*, 200:30, August 2020. doi: 10.1016/j.ress.2020.106913. URL <https://hal.inria.fr/hal-02935599>.

[7] **Liquid-Solid Slip on Charged Walls: The Dramatic Impact of Charge Distribution.** Yanbo Xie, Li Fu, Thomas Niehaus, and Laurent Joly. *Physical Review Letters*, 125(1):014501, July 2020. doi: 10.1103/PhysRevLett.125.014501. URL <https://hal.archives-ouvertes.fr/hal-02899396>.

[8] **On the modal response of mobile cables.** Charl lie Bertrand, Chlo  Plut, Alireza Ture Savadkoohi, and Claude-Henri Lamarque. *Engineering Structures*, 210:110231, May 2020b. doi: 10.1016/j.engstruct.2020.110231. URL <https://hal.archives-ouvertes.fr/hal-02512962>.

[9] **Impact of Antiplatelet Therapy During Endovascular Therapy for Tandem Occlusions.** Fran ois Zhu, Mohammad Anadani, Julien Labreuche, Alejandro Spiotta, Francis Turjman, et al.. *Stroke*, 51(5):1522–1529, May 2020. doi: 10.1161/STROKEAHA.119.028231. URL <https://hal.archives-ouvertes.fr/hal-02860909>.

[10] **Indentation creep vs. indentation relaxation: A matter of strain rate definition?.** Paul Baral, Guillaume Kermouche, Gaylord Guillonnet, Gabrielle Tiphene, Jean-Michel Bergheau, Warren Oliver, and Jean-Luc Loubet. *Materials Science and Engineering: A*, 781:139246, April 2020a. doi: 10.1016/j.msea.2020.139246. URL <https://hal.archives-ouvertes.fr/hal-02916177>