

Mechanics Research Communications. Year	Publication Office: Elsevier UK
Editor-in-Chief: A. Rosato New Jersey Institute of Technology, Newark, New Jersey, USA Anthony.Rosato@njit.edu	

The Acceleration Severity Index in the impact of a vehicle against permanent road equipment support structures

Pawlak Mariusz¹

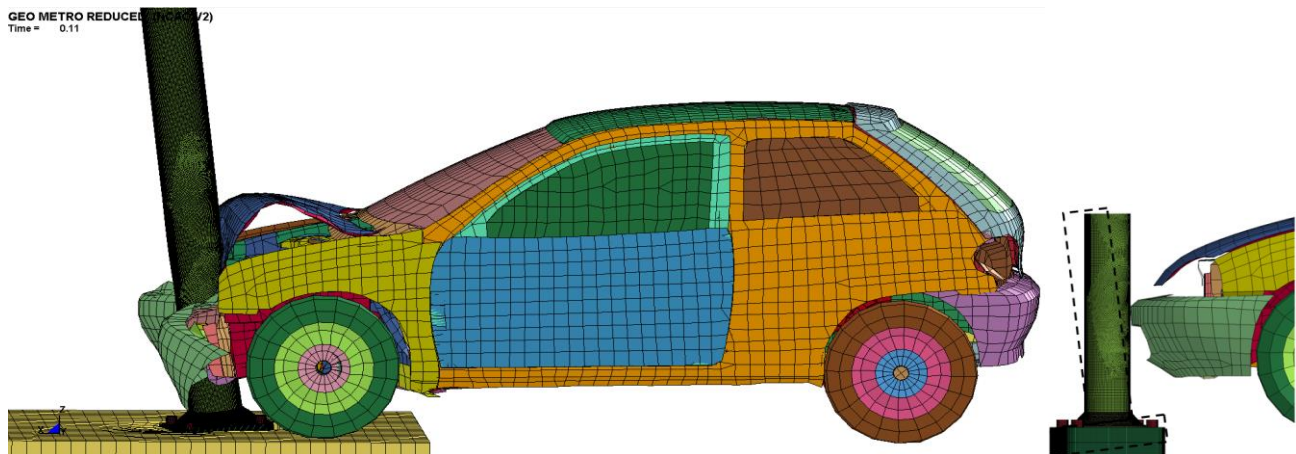
¹*Silesian University of Technology, ul. Konarskiego 18a, 44-100 Gliwice*

*mariusz.pawlak@polsl.pl

Tel.: +48-32-237-16-46;

Accepted:

[Graphical Abstract]



The impact of a vehicle against permanent road equipment support structures

Highlights

- Results from numerical crash tests against street lighting column for 4 different car models are presented.
- Acceleration Severity Index values are calculated and visualised.
- Influence of soil and differences between ASI curves during the impact are described .

Download English Version:

<https://daneshyari.com/en/article/7178807>

Download Persian Version:

<https://daneshyari.com/article/7178807>

[Daneshyari.com](https://daneshyari.com)