A Numerical Study on the Injury Risk of Human Arm in Focal Low-Speed Loading

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Table 2. Results of Dynamic Impact Simulation and Comparison to the Corresponding Critical Values derived from Experiments [Ref 4]								
	Impact Velocity	Max- Principal Stress (MPa)	Critical Stress (MPa) (literature)	Max- Principal Strain	Critical Strain (literature)	Max- Force (kN)	Breaking Load from Literature (3p-bending)	
	1 m/s	25.864	60	0.00304	0.01	0.28079	0.62784	
	2 m/s	60	60	0.00597	0.01	0.58286	0.62784	
13.10.20	010		Zahra	Asgharpour	M.Sc.		11	





