

学術講演会予稿集正誤表

(Errata of Proceedings/Summarized Papers)

学術講演会セッション 番号・セッション名 (Session No.: Session Name)	133 人体傷害																													
講演タイトル (Title)	次世代衝突ダミーTHOR 5F の 2 次元縮退モデルの構築																													
講演者名 (Speaker name) 所属名 (Affiliation)	倉野優太郎 本田技術研究所																													
誤 (Incorrect)	<p>Table 4 Difference of Maximum Displacement, Chest Deflection and Neck moment between Precise FEM and Degenerated Model</p> <table border="1"> <thead> <tr> <th colspan="2"></th> <th>Degenerated Model 1</th> <th>Degenerated Model 2</th> </tr> <tr> <th colspan="2">Model condition of Neck</th> <th>Simple Beam</th> <th>Simple Beam and Rotation Pivot</th> </tr> </thead> <tbody> <tr> <td rowspan="6">Difference between Precise CAE and Degenerated Model</td> <td>Head Displacement</td> <td>-5.5%</td> <td>-3.3%</td> </tr> <tr> <td>Upper Body Displacement</td> <td>-6.2%</td> <td>-4.5%</td> </tr> <tr> <td>Lower Body Displacement</td> <td>-15.4%</td> <td>-11.3%</td> </tr> <tr> <td>Chest Deflection</td> <td>-4.8%</td> <td>-2.9%</td> </tr> <tr> <td>Neck Moment Flexion</td> <td>+21.5%</td> <td>-15.8%</td> </tr> <tr> <td>Neck Moment Extension</td> <td>-8.4%</td> <td>-0.4%</td> </tr> </tbody> </table> <p>5. まとめ Line 20 頸部モーメントの最大値について、詳細 FEM の計算結果と縮退モデルの計算結果の差異は最大で、前屈で 21.5 %、後屈で 8.4 %であった。</p>					Degenerated Model 1	Degenerated Model 2	Model condition of Neck		Simple Beam	Simple Beam and Rotation Pivot	Difference between Precise CAE and Degenerated Model	Head Displacement	-5.5%	-3.3%	Upper Body Displacement	-6.2%	-4.5%	Lower Body Displacement	-15.4%	-11.3%	Chest Deflection	-4.8%	-2.9%	Neck Moment Flexion	+21.5%	-15.8%	Neck Moment Extension	-8.4%	-0.4%
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