ANALISA TEGANGAN PADA FRAME-CHASISDUMPER TRUK NISSAN DIESEL TIPE CWA-53 DENGAN MENGGUNAKAN SOFTWARE ANSYS 8.0

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Stress analysis and failure theory is base of bar design with strength criterion. Criterion of design a bar can be based on strength of him, or inertia of him and stability of him. And so it is with vehicle production, besides above mentioned factor of factor is condition of road;street also of vital importance to be paid attention to to remember the condition of road;street to pass by to have different condition. To the calculation like have been conducted by every company of vehicle which producing itself chassis frame.

Writer as a student also wish to know how calculation used to know tension that happened, where this matter is meant to be able to be used as reference for others which wish designed vehicle chassis frame. For that in analysis is hereinafter needed by aid from a computer program which can assist in analysing. In this case program the used is ANSYS software 8.0. Software being based on element method till. Excess of this software is compared to other software which both of the same base on element method till is ability in isn't it element up to millions of element so that can be obtained by more accurate result. So that analyse with Ansys 8.0 software this expected can know by tension distribution at Nissan Diesel frame-chassis of Type CWA-53 at condition encumbering of dinamic effect of road.