JOST draft for calculation of speed reduction on HD vehicles when specified values are exceeded

\[ V_{red} = V_{spec} \times \left( \frac{X_{1_{cert}}}{X_{1_{req}}} \right)^2 \times \left( \frac{X_{2_{cert}}}{X_{2_{req}}} \right)^2 \times \left( \frac{1}{D_{y}} \right) \]

- Formula applies with only a) in cases where only one of the specified parameters (D, U, etc) is exceeded
- Formula applies with a) and b) in cases where 2 specific parameters are exceeded
- Formula applies only in cases where the exceedance of none of the single factors a) or b) is over 20% of its certified value \((X_{req} / X_{spec} \geq 1,2)\)

- Factor Dy considers dynamic factors from the severity of operation and road conditions
  
  \(D_{y} = 1\)  standard road
  
  \(D_{y} = 1,1\)  if also party offroad or similar in more than 3% of the applications

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