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## **APPROACH TO THE PROJECTING OF THE STEERING TRAPEZIUM**

*In this study, possibility of the calculation the real values, of the steering wheels driving angles at the vehicles whose mecanism for driving the wheels makes one or more steering trapeziums, is considered. Also, there is proposal of the procedure for the optimization the constructive parameters of the trapezium (of the ratio  $(e/d)$  and the angle  $\gamma$ ).*

*Generalization of the method is performed by introducing unit trapezium.*

*Key words: Car, steering trapezium, steering trapezium calculation, incremental procedure of the optimization, generalization of the calculation.*

## **JEDAN PRISTUP PROJEKTOVANJU TRAPEZA UPRAVLJANJA**

*U radu je razmatrana jedna mogućnost proračuna realnih vrednosti uglova upravljačkog mehanizma vozila sa jednim ili više trapeza upravljanja. Prikazan je i proces optimizacije konstruktivnih parametara trapeza (odnos  $(e/d)$  i ugao  $\gamma$ ).*

*Generalni metodološki pristup je ddat uvođenjem osnovnog, jediničnog trapeza.*

*Ključne reči: vozilo, trapez upravljanja, proračun trapeza upravljanja, inkrementalna procedura za optimizaciju, generalizacija proračuna.*