ACADEMICIA: An International Multidisciplinary Research Journal

ISSN: 2249-7137 Vol. 11, Issue 12, December 2021 SJIF 2021 = 7.492 A peer reviewed journal

INVESTIGATION OF THE SITTING PROCESS OF SLANTED TOOTED TRANSMISSION

A.F.Raximjonov*; S.S.Umarov**; M.M.Mirzaabdullayev***

*Teacher.

Namangan Engineering and Construction Institute, UZBEKISTAN

Email id: raximjonov@gmail.com

**Magistr,

Namangan Engineering and Construction Institute, UZBEKISTAN

***Magistr,

Namangan Engineering and Construction Institute, UZBEKISTAN

DOI: 10.5958/2249-7137.2021.02687.2

ABSTRACT

This paper presents an expression that defines the coupling coefficient, which is one of the main parameters that takes into account the continuity and smoothness of the coupling process of the bevel gears and the bevel gear drive.

KEYWORDS: Bevel, Coupling Coverage Coefficient, Belt, Coefficient Of Elasticity, Torque, Coupling Arc, Coupling Modulus, Coupling Line.

REFERENCES

- **1.** Frolov KV, Popov SA., Musatov BK. Mechanism and machine theory. T.: Teacher, 1990. 496 p.
- **2.** Mashnev MM, Kraskovskiy EA, Lebedev PA. Theory of mechanisms and machines and details of machines. M.: Mashinostroenie, 1980. 512 p.
- **3.** Levitskaya ON, Levitskiy NI. Course theory of mechanisms and machines. M .: Vysshayashkola, 1978. 269 p.
- **4.** Usmonho'jaev HH. Mechanism and machine theory. T.: Teacher, 1970. 576 p.
- 5. Korenyakov AS. Theory of mechanisms and machines. M.: Vysshayashkola, 1976. 444 p.
- **6.** Turdaliyev V, Qosimov A, Mansurov M, Shodmonov D, Komilov S. Dynamic Analysis of the Transfer Mechanism of the Soil Processing Unit. International Journal of Advanced Research in Science, Engineering and Technology. 2020;7(9):14890-14896.
- **7.** Mukhamedov J, Qosimov A, Mansurov M, Shotmonov D, Asqarov N. Development of Structures and Structural Analysis of Gear-Lever Belt Transmission. International Journal of Advanced Research in Science, Engineering and Technology. 2020;7(10):5100-15104.

ACADEMICIA: An International Multidisciplinary Research Journal

ISSN: 2249-7137 Vol. 11, Issue 12, December 2021 SJIF 2021 = 7.492

A peer reviewed journal

8. Konvisarov DV. Theoretical bases of design of mechanisms. M .: Mashgiz, 1950. 320 p