



**IOSR Journals**

International Organization  
of Scientific Research

*IOSR Journal of  
Mathematics*

e-ISSN : 2278-5728

Volume : 17 Issue : 2 Series-1

p-ISSN : 2319-765X

**Contents:**

A Note on Fifth Order Jacobsthal Numbers	01-23
Examination of Engine oil-based ((MWCNTs-TiO <sub>2</sub> ), (MWCNTs-Al <sub>2</sub> O <sub>3</sub> ), (MWCNTs-Cu)) Hybrid Nanofluids for Optimal Nanolubricant	24-38
Predicting the Existing Confirmed Cases of the COVID-19 Epidemic in Hong Kong Based on Dynamic Transmission Rate Model	39-44
Mathematical Modeling the Impact of Infectious Diseases in Prey-predator Interactions	45-56
Human Rights, Threat to Humanity and International Management of Covid-19: The Unanswered Questions	57-66
Factorization of some Polynomials $X^n - 1$ over GF(q) / $\langle p(x) \rangle$	67-69