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(57) Abstract :

Spread of Covid -19 virus constitutes a chain that is geometric in mathematical nature and a model is developed in the form of Geometric progression that clear explains that how without breaking the chain it is not possible to minimize the spread rate. To optimize the resources physically, suggested model be taken into the account. Model suggests that a series of infected may be like a Geometric progression in which first term, is multiplied by the common ratio. If there are two people founded Covid -19 infected then these two can infect four others and then in the third term eight , then sixteen , then thirty two and so on. Model may be shown as $2+4+8+16+32+64+128+256+---$ Here 2 is the first term of this geometric model and common ration is two . This chain is showing how fast is growth rate of spreading of Covid infection. If at any instant this Geometric chain is break there is possibility of control of Covid chain break

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