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Mathematical m

Anuradha Yad
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We propose and analyze
behavior under the influe
nation to quit smoking. W
a biologically feasible regi
is obtained and stability a
alone is not enough to era
population. Whereas the i
numerical simulation for r
obtained analytically.

Keywords: Smoking; deter

Mathematics Subject Class

1. Introduction

Noncommunicable diseases
diseases etc., have potenti
hurdle in economical and s
worldwide deaths contribu
smoking. Almost six millio
and it is estimated that by
to increase to 7.5 million w
complete detail refer to W

Smoking and other tob
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Smoking not only affects