



SDI Review Form 1.6

PART 1:

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	MS: 2012 BJMCS 2758
Title of the Manuscript:	STABILITY ANALYSIS AND HOPF BIFURCATION OF A SEIV EPIDEMIC MODEL WITH SATURATED INCIDENCE RATE

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PART 2: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<u>Compulsory</u> REVISION comments	Firstly, the model is not well explained in the introduction. The interpretation for β between lines 50-51 is not correct. For section 2, notation $V, F_i, x_i \dots$ between lines 67 and 68 are not well defined. The computation between lines 69-71 is wrong. For section 3, the argument given before Theorem 3.1 has already proved that theorem, but the author repeats the proof. Moreover, there are some mistakes, e.g. line 84 (λ is missing in the formula), line 86 (the coefficient of λ should be replaced by " $2\mu + \sigma + \gamma$ "), line 97, 101 and 102. There are also many mistakes in the proof of Theorem 3.2. For example, there is no definition for equation (4.3) which appears on line 114, no definition for ϕ in line 115, and no definition for (4.14) in line 147. And obviously, the formula in line 128, 159, 165 are wrong. As a conclusion, this proof is not clear, which need to do a lot of verification.	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		

Note: Anonymous Reviewer