



SDI Review Form 1.6

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	Ms_BJMCS_25746
Title of the Manuscript:	Blow-up of solutions for a reaction-diffusion equation with nonlinear nonlocal boundary condition
Type of the Article	

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

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PART 1: 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	Page 7, in the proofs of Theorem 3.3 and Theorem 3.4, the comparison theorem (Lemma 2.3) is used. However, one of the assumptions of Lemma 2.3 is " $mim(p, q, l) < 1$ ", while " $p + q > 1, l > 0$ " and " $mim(p, q) > 1, l > 0$ " is assumed in Theorem 3.3 and Theorem 3.4, respectively. The latter two assumptions include the case " $mim(p, q, l) \geq 1$ ", but it have not be proved.	Although the statements is more or less ambiguous, our proof is correct. In fact, if $mim(p, q, l) < 1$, we have a further assumption on the initial value of the subsolution. We slightly modify our expression in Lemma 2.3.
<u>Minor</u> REVISION comments	1. Line 21 of page 2, "the blow-up properties do solution" should be replaced as "the blow-up properties of solution". 2. Line 13 of page 4, the third term of the second line2 in the inequality (2.4) should multiply $\varphi(x, \tau)$, so is the inequality (2.5). 3. Line2 from the bottom of page 4, it should be " $(x, \tau) \in S_i$ ".	We agree with reviewer and correct the manuscript and highlight that part in the manuscript.
<u>Optional/General</u> comments	Line 6 of page 2, "by Friedman [21]", but the author of [21] in the Reference is J.R. Anderson. And the References should be sorted according to the authors' last name.	We correct the manuscript and and sort the References according to the authors' last name.