

**Review Form 1.7**

Journal Name:	<b>Asian Research Journal of Mathematics</b>
Manuscript Number:	<b>Ms_ARJOM_119464</b>
Title of the Manuscript:	<b>GENERAL STRUCTURE AND PROPERTIES OF CYCLIC CODES IN GF(2)</b>
Type of the Article	

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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)
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p>1. <b>No, since this manuscript assembles only known results with some wrong or inappropriate statements and a lot of typos, cf. the following for details.</b></p> <p>2. <b>Yes.</b></p> <p>3. <b>Yes.</b></p> <p>4. <b>Yes.</b></p> <p>5. <b>No, in some statements.</b></p> <p>6. <b>Yes.</b></p> <p><b>Wrong or inappropriate statements:</b></p> <ul style="list-style-type: none"> <li>In Sect. 3 (b), add the definition of <math>[ ]_n</math>.</li> <li>In Sect. 4 (d), "The message polynomial <math>m(x)</math> is multiplied by <math>x^k</math> where <math>k</math> is the number of redundancy bits" should be "The message polynomial <math>m(x)</math> is multiplied by <math>x^{n-k}</math> where <math>n-k</math> is the number of redundancy bits".</li> <li>In Sect.4 (g), "In a Galois field <math>GF(q)</math>, addition and multiplication are performed modulo <math>q</math>." is not correct for <math>m &gt; 1</math>.</li> <li>In Sect.4 (g), "This is because if fewer than <math>d</math> errors are introduced into a codeword, the resulting word is still closer to the original codeword than to any other codeword in the code." is not correct. The resulting word is not necessarily closer to the original codeword than to any other codeword in the code.</li> <li>In Sect.5, "The <math>g(x)</math> ensured that the codewords were consistently generated which is critical for reliable encryption." is unclear.</li> </ul>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>No.</p> <p>Typos:</p> <ul style="list-style-type: none"> <li>In Sect. 1, "A lot of development have been" should be "A lot of developments have been"</li> <li>In Sect. 1, "he investigateg" should be "he investigates"</li> <li>In Sect. 1, "Calkavur \$ Guzeltepe" should be "Calkavur and Guzeltepe"</li> <li>In Sect. 2, "Definittion" should be "Definition"</li> <li>In Sect. 2 Lemma 1, ". (i)" should be "(i)" (Remove the period.)</li> <li>In Sect. 3 a), ".Conversely" should be ". Conversely". (Add a single space between period "." and first letter throughout this manuscript.)</li> <li>In Sect. 4 (c), ". this" should be ". This" (Sentences should start with capital letters.)</li> <li>In Sect. 4 (e), authors should move "A Galois field, denoted as <math>GF(q)</math>," to where the Galois field appears first, and use the same symbol for <math>GF(2)</math>, <math>GF(2)</math>, <math>gf(2)</math>, <math>GF_2</math> and so on.</li> <li>In Sect. 4 (e), "<math>q = pm</math>" should be "<math>q = p^m</math>"</li> <li>Multiple spaces should be a single space throughout this manuscript.</li> <li>Some variables in lines are not italic.</li> <li>Use unified expressions, e.g., <math>d</math> or <math>(d)</math>, some subsections end with ":" and so on.</li> </ul>	
<p><b>Optional/General</b> comments</p>		

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(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)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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