CORRIGENDA


Dr. N. M. Stephens of Cardiff has informed me that he has probed (Bull. London Math. Soc., v. 7, 1975, pp. 182–184) that a prime \( p \) is congruent if \( p \equiv 5 \) or 7 (mod 8). Thus the only merit in my table (Math. Comp., v. 32, 1978), pp. 293–295) lies in leading to explicit representations.

Dr. J. Lagrange of Reims has noticed that the values for \( r \) and \( s \) for \( p = 311 \) and for \( p = 383 \) are not coprime, though this does not prevent explicit representations from being obtained. Since a rerun of the program produced coprime pairs, I cannot now determine how the quoted ones arose.

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Charles Dunham has pointed out to us that the theorem we stated in [1] is not a correct statement of the theorem in [2]. The hypothesis that \( Q^*(x) \) not have any sign changes in the span of \( \Xi \) was omitted. A partial solution of the characterization problem of (1) has now been given by Leeming and Taylor [3] and a complete solution by Dunham is to appear in [4].


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On page 578, line –4, for 35100 read 35000. In Table 3 on p. 579, the lines
following that for $x = 20000$ should read

<table>
<thead>
<tr>
<th>$x$</th>
<th>$100 \frac{g(x)}{n(x)}$</th>
<th>$n$</th>
<th>$100 \frac{g(x)}{n(x)}$</th>
<th>$n$</th>
<th>$100 \frac{g(x)}{n(x)}$</th>
</tr>
</thead>
<tbody>
<tr>
<td>21000</td>
<td>47.72</td>
<td>26000</td>
<td>47.46</td>
<td>31000</td>
<td>47.53</td>
</tr>
<tr>
<td>22000</td>
<td>47.13</td>
<td>27000</td>
<td>47.59</td>
<td>32000</td>
<td>47.71</td>
</tr>
<tr>
<td>23000</td>
<td>47.33</td>
<td>28000</td>
<td>47.54</td>
<td>33000</td>
<td>47.36</td>
</tr>
<tr>
<td>24000</td>
<td>47.73</td>
<td>29000</td>
<td>47.64</td>
<td>34000</td>
<td>47.49</td>
</tr>
<tr>
<td>25000</td>
<td>47.41</td>
<td>30000</td>
<td>47.74</td>
<td>35000</td>
<td>47.34</td>
</tr>
</tbody>
</table>

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