<table>
<thead>
<tr>
<th>Term:</th>
<th>Real</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quote:</td>
<td>These characters equally apply to pure mathematics. [—] The pure mathematician deals exclusively with hypotheses. Whether or not there is any corresponding real thing, he does not care. His hypotheses are creatures of his own imagination; but he discovers in them relations which surprise him sometimes. A metaphysician may hold that this very forcing upon the mathematician’s acceptance of propositions for which he was not prepared, proves, or even constitutes, a mode of being independent of the mathematician’s thought, and so a reality. But whether there is any reality or not, the truth of the pure mathematical proposition is constituted by the impossibility of ever finding a case in which it fails.</td>
</tr>
<tr>
<td>References:</td>
<td>CP 5.567</td>
</tr>
<tr>
<td>Date of Quote:</td>
<td>1902</td>
</tr>
<tr>
<td>URL:</td>
<td><a href="http://www.commens.org/dictionary/entry/quote-truth-and-falsity-and-error">http://www.commens.org/dictionary/entry/quote-truth-and-falsity-and-error</a></td>
</tr>
</tbody>
</table>