<table>
<thead>
<tr>
<th>Topic</th>
<th>Pages</th>
<th>Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connecting Mathematics and Mathematics Education</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unfolding the Educational and Practical Resources Inherent in Mathematics for Teaching Mathematics</td>
<td>1-24</td>
<td>Wittmann, Erich Christian</td>
</tr>
<tr>
<td>Teaching Units as the Integrating Core of Mathematics Education</td>
<td>25-36</td>
<td>Wittmann, Erich Christian</td>
</tr>
<tr>
<td>Clinical Interviews Embedded in the “Philosophy of Teaching Units”—A Means of Developing Teachers' Attitudes and Skills</td>
<td>37-47</td>
<td>Wittmann, Erich Christian</td>
</tr>
<tr>
<td>The Mathematical Training of Teachers from the Point of View of Education</td>
<td>49-60</td>
<td>Wittmann, Erich Christian</td>
</tr>
<tr>
<td>When Is a Proof a Proof?</td>
<td>61-76</td>
<td>Wittmann, Erich Christian</td>
</tr>
<tr>
<td>Mathematics Education as a ‘Design Science’</td>
<td>77-93</td>
<td>Wittmann, Erich Christian</td>
</tr>
</tbody>
</table>
• **Designing Teaching: The Pythagorean Theorem**
  Pages 95-160
  Wittmann, Erich Christian

• **Standard Number Representations in the Teaching of Arithmetic**
  Pages 161-189
  Wittmann, Erich Christian

• **Developing Mathematics Education in a Systemic Process**
  Pages 191-208
  Wittmann, Erich Christian

• **The Alpha and Omega of Teacher Education: Organizing Mathematical Activities**
  Pages 209-222
  Wittmann, Erich Christian

• **Operative Proofs in School Mathematics and Elementary Mathematics**
  Pages 223-238
  Wittmann, Erich Christian

• **Collective Teaching Experiments: Organizing a Systemic Cooperation Between Reflective Researchers and Reflective Teachers in Mathematics Education**
  Pages 239-248
  Wittmann, Erich Christian
• Structure-Genetic Didactical Analyses—Empirical Research "of the First Kind"
  Pages 249-263
  Wittmann, Erich Christian

• Understanding and Organizing Mathematics Education as a Design Science—Origins and New Developments
  Pages 265-285
  Wittmann, Erich Christian