# Problems for Mass Transfer


<table>
<thead>
<tr>
<th>First edition</th>
<th>Second edition</th>
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<tr>
<td>Chapter 16: Temperature and pressure dependence of mass diffusivity</td>
<td>Chapter 17: Temperature and pressure dependence of mass diffusivity</td>
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<tr>
<td>Chapter 17: Shell mass balance (pages 519-536 &amp; 542-546)</td>
<td>Chapter 18: Shell mass balance (pages 543-557 &amp; 563-566)</td>
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<td>Chapter 18: The equation of continuity for multicomponent systems (pages 554-559)</td>
<td>Chapter 19: The equation of continuity for multicomponent systems (pages 582-586)</td>
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2. Solve the following problems from the book “Transport Phenomena” by Bird, Stewart and Lightfoot,

16H₂, 16I₂, 17D₂, 17G₂, 17H₂, 17I₂ (1st Edition)/17B.3, 17B.4, 18B.7, 18B.8, 18B.14 (2nd Edition)