## Contents

<table>
<thead>
<tr>
<th>Chapter I: Socle of Product of Modules and Semilocal Rings</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>0. Introduction</td>
<td>2</td>
</tr>
<tr>
<td>1. Socle of Product of Simple Modules</td>
<td>3</td>
</tr>
<tr>
<td>2. Simple Modules over Semilocal Rings</td>
<td>9</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chapter II: Endomorphism Rings of Harada Modules and Full Linear Rings</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>0. Introduction</td>
<td>13</td>
</tr>
<tr>
<td>1. Definitions and Notations</td>
<td>14</td>
</tr>
<tr>
<td>2. Endomorphism Rings of Harada Modules</td>
<td>16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chapter III: Projective Covers and Lifting Idempotents</th>
<th>19</th>
</tr>
</thead>
<tbody>
<tr>
<td>0. Introduction</td>
<td>20</td>
</tr>
<tr>
<td>1. Projective Covers of Direct Summands</td>
<td>23</td>
</tr>
<tr>
<td>2. Lifting of Idempotents</td>
<td>29</td>
</tr>
<tr>
<td>3. Some sufficient conditions</td>
<td>35</td>
</tr>
<tr>
<td>4. Projective Covers and Supplement Submodules</td>
<td>37</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chapter IV: Nil Subsets of Endomorphism Rings of Modules with Chain Conditions</th>
<th>39</th>
</tr>
</thead>
<tbody>
<tr>
<td>0. Introduction</td>
<td>40</td>
</tr>
<tr>
<td>1. Goldie and Dual Goldie Dimension</td>
<td>42</td>
</tr>
<tr>
<td>2. Some Torsion Theory</td>
<td>48</td>
</tr>
<tr>
<td>3. Nil Multiplicatively closed Sets</td>
<td>56</td>
</tr>
</tbody>
</table>
Chapter V: *Endomorphism Rings of Finite Length Injective Modules*  
0. Introduction 65  
1. One Sided Artinian Rings 65  
2.Injective Hulls of Simple Modules 67

Chapter VI: *Is a Right Perfect Right Self-injective Ring Right PF*  
0. Introduction 74  
1. Definitions and Notations 76  
2. Semiperfect Kasch Rings 77  
3. Right Perfect Right Self-injective Rings 83  
4. Quasi-continuous Kasch Rings 85

References 88