Lecture Notes on

Generic Linear Recurrent Sequences and Related Topics

Errata

(http://calvino.polito.it/~gatto/public/CHMXXX_2015/errata.htm)

The revised version of the notes is downloadable at


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<th>Errata</th>
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<tr>
<td>p. 13</td>
<td>3 †</td>
<td>( A = C \exp(\sum h_i x^i) \cdot \exp \left( -\sum h_i \frac{\partial}{\partial x^i} \right) )</td>
<td>( A = C \exp(\sum h_i x^i) \cdot \exp \left( -\sum h_i \frac{\partial}{\partial x^i} \right) )</td>
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<tr>
<td>p. 14</td>
<td>4 ↓</td>
<td>( \left[ \frac{\partial}{\partial x_j} T_{ji} \right] = z^j T_{ji} )</td>
<td>( \left[ \frac{\partial}{\partial x_j} T_{ji} \right] = z^j T_{ji} )</td>
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<tr>
<td>p. 17</td>
<td>9 ↓</td>
<td>guarantening</td>
<td>guarantening</td>
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<tr>
<td>p. 18</td>
<td>8 ↓</td>
<td>( \exp \left( \sum_{i=1}^n (-2b_i x^i) \right) )  ( \exp \left( \sum_{i=1}^n (-2b_i x^i) \right) )</td>
<td>( \exp \left( \sum_{i=1}^n (-2b_i x^i) \right) )  ( \exp \left( \sum_{i=1}^n (-2b_i x^i) \right) )</td>
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<tr>
<td>p. 25</td>
<td>11 ↓</td>
<td>( \ldots t and X are respectively )</td>
<td>( \ldots t and X are respectively )</td>
</tr>
<tr>
<td>p. 39</td>
<td>7 ↓</td>
<td>( X^e_{i,k} )</td>
<td>( X^e_{i,k} )</td>
</tr>
<tr>
<td>p. 40</td>
<td>5 ↓</td>
<td>if ( r \leq k )  ( m )</td>
<td>if ( r \leq k )  ( m )</td>
</tr>
<tr>
<td>p. 42</td>
<td>2 ↓</td>
<td>...the Leibniz’s rule</td>
<td>...the Leibniz’s rule for all ( k \geq 0 )</td>
</tr>
<tr>
<td>p. 42</td>
<td>4 ↓</td>
<td>( D(i) ) be the inverse...</td>
<td>( D(i) ) be the inverse...</td>
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<tr>
<td>p. 43</td>
<td>10 ↓</td>
<td>second equality i)</td>
<td>second equality we used i)</td>
</tr>
<tr>
<td>p. 45</td>
<td>8 ↓</td>
<td>( i_1 + i_2 = i )  ( i_1 + i_2 = i )</td>
<td>( i_1 + i_2 = i )  ( i_1 + i_2 = i )</td>
</tr>
<tr>
<td>p. 45</td>
<td>8-9 ↓</td>
<td>( 1 \leq j \leq k \leq i - 1 )  ( 1 \leq j \leq i - 1 )</td>
<td>( 1 \leq j \leq k \leq i - 1 )  ( 1 \leq j \leq i - 1 )</td>
</tr>
<tr>
<td>p. 48</td>
<td>12 ↓</td>
<td>( \text{tool tools} )</td>
<td>( \text{tool tools} )</td>
</tr>
<tr>
<td>p. 56</td>
<td>11 ↓</td>
<td>allocates ( \lambda_1, \ldots, \lambda_i )</td>
<td>allocates ( h_3, \ldots, h_k )</td>
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</tbody>
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