

```

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    <Author>Thomas S. Iversen</Author>
    <Date>12-06-2006 16:18:12</Date>
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<?xml version="1.0"?>
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<?xml version="1.0"?>
<Root>
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<?xml version="1.0"?>
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</Root>
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<?xml version="1.0"?>
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<?xml version="1.0"?>
<Root>
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    <Date>07-06-2006 20:41:00</Date>
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      <SubData Name="Evaluation time" Units="ms" NumberOfRuns="1">
        <Run RunNumber="1">17000</Run>
      </SubData>
    </Data>
  </DataSet>
</Root>
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<pre> <?xml version="1.0"?> <Root> <MetaData> <Title>LongReferenceChains</Title> <Author>Thomas S. Iversen</Author> <Date>10-07-2006 12:34:39</Date> <OperatingSystem>Microsoft Windows NT 5.0.2195 Service Pack 4</OperatingSystem> </MetaData> <DataSet Name="Evaluation time" Units="ms"> <Data Name="TinyCalc SUM -- Level0"> <SubData Name="Evaluation time" Units="ms" NumberOfRuns="3"> <Run RunNumber="1">57879</Run> <Run RunNumber="2">59064</Run> <Run RunNumber="3">58950</Run> </SubData> </Data> <Data Name="TinyCalc SUM -- Level2"> <SubData Name="Evaluation time" Units="ms" NumberOfRuns="3"> <Run RunNumber="1">56773</Run> <Run RunNumber="2">56132</Run> <Run RunNumber="3">56328</Run> </SubData> </Data> <Data Name="TinyCalc SUM -- Level3"> <SubData Name="Evaluation time" Units="ms" NumberOfRuns="3"> <Run RunNumber="1">55821</Run> <Run RunNumber="2">55351</Run> <Run RunNumber="3">54732</Run> </SubData> </Data> <Data Name="TinyCalc SUM -- Level4"> <SubData Name="Evaluation time" Units="ms" NumberOfRuns="3"> <Run RunNumber="1">54754</Run> <Run RunNumber="2">55020</Run> <Run RunNumber="3">54640</Run> </SubData> </Data> <Data Name="TinyCalc SUM -- Level5"> <SubData Name="Evaluation time" Units="ms" NumberOfRuns="3"> <Run RunNumber="1">54594</Run> <Run RunNumber="2">54457</Run> <Run RunNumber="3">54997</Run> </SubData> </Data> <Data Name="TinyCalc SUM -- Level6"> <SubData Name="Evaluation time" Units="ms" NumberOfRuns="3"> <Run RunNumber="1">54642</Run> <Run RunNumber="2">54969</Run> <Run RunNumber="3">54511</Run> </SubData> </Data> <Data Name="TinyCalc SUM -- Level7"> <SubData Name="Evaluation time" Units="ms" NumberOfRuns="3"> <Run RunNumber="1">54640</Run> <Run RunNumber="2">54426</Run> <Run RunNumber="3">54922</Run> </SubData> </DataSet> </Root> </pre>		

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<pre> </Data> </DataSet> </Root> </pre>		

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<pre><?xml version="1.0"?> <Root> <MetaData> <Title>Taylorexansion of exp(A1), Both numerator (A1) and\ndenominator (fa ctorial) are referenced</Title> <Author>Thomas S. Iversen</Author> <Date>11-06-2006 13:00:53</Date> <OperatingSystem>Microsoft Windows NT 5.0.2195 Service Pack 4</OperatingSyst em> <MemoryInstalled Units="MB">768</MemoryInstalled> <CPU>Intel(R) Pentium(R) M processor 1.50GHz</CPU> <CurrentClockSpeed Units="MHz">600</CurrentClockSpeed> <MaxClockSpeed Units="MHz">1493</MaxClockSpeed> </MetaData> <DataSet Name="Evaluation time" Units="ms"> <Data Name="Level0"> <SubData Name="Evaluation time" Units="ms" NumberOfRuns="3"> <Run RunNumber="1">14740</Run> <Run RunNumber="2">14592</Run> <Run RunNumber="3">14963</Run> </SubData> </Data> <Data Name="Level2"> <SubData Name="Evaluation time" Units="ms" NumberOfRuns="3"> <Run RunNumber="1">10940</Run> <Run RunNumber="2">10166</Run> <Run RunNumber="3">9994</Run> </SubData> </Data> <Data Name="Level3"> <SubData Name="Evaluation time" Units="ms" NumberOfRuns="3"> <Run RunNumber="1">10711</Run> <Run RunNumber="2">10127</Run> <Run RunNumber="3">10412</Run> </SubData> </Data> <Data Name="Level4"> <SubData Name="Evaluation time" Units="ms" NumberOfRuns="3"> <Run RunNumber="1">10429</Run> <Run RunNumber="2">10420</Run> <Run RunNumber="3">10470</Run> </SubData> </Data> <Data Name="Level5"> <SubData Name="Evaluation time" Units="ms" NumberOfRuns="3"> <Run RunNumber="1">10693</Run> <Run RunNumber="2">10492</Run> <Run RunNumber="3">10471</Run> </SubData> </Data> <Data Name="Level6"> <SubData Name="Evaluation time" Units="ms" NumberOfRuns="3"> <Run RunNumber="1">11813</Run> <Run RunNumber="2">11560</Run> <Run RunNumber="3">11620</Run> </SubData> </Data> <Data Name="Level7"> <SubData Name="Evaluation time" Units="ms" NumberOfRuns="3"> <Run RunNumber="1">2887</Run> <Run RunNumber="2">3152</Run> <Run RunNumber="3">3123</Run> </SubData> </Data> </DataSet> </Root></pre>		

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<pre></SubData> </Data> </DataSet> </Root></pre>		

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```

<?xml version="1.0"?>
<Root>
  <MetaData>
    <Title>Taylorexansion of exp(A1), Both enumerator (A1) and denominator (fac
torial) are referenced</Title>
    <Author>Thomas S. Iversen</Author>
    <Date>07-06-2006 20:41:00</Date>
    <OperatingSystem>Microsoft Windows NT 5.0.2195 Service Pack 4</OperatingSyst
em>
    <MemoryInstalled Units="MB">768</MemoryInstalled>
    <CPU>Intel(R) Pentium(R) M processor 1.50GHz</CPU>
    <CurrentClockSpeed Units="MHz">600</CurrentClockSpeed>
    <MaxClockSpeed Units="MHz">1493</MaxClockSpeed>
  </MetaData>
  <DataSet Name="Evaluation time" Units="ms">
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      </SubData>
    </Data>
    <Data Name="Excel (FullCalculation)">
      <SubData Name="Evaluation time" Units="ms" NumberOfRuns="1">
        <Run RunNumber="1">2803</Run>
      </SubData>
    </Data>
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      <SubData Name="Evaluation time" Units="ms" NumberOfRuns="1">
        <Run RunNumber="1">23000</Run>
      </SubData>
    </Data>
    <Data Name="OO Calc">
      <SubData Name="Evaluation time" Units="ms" NumberOfRuns="1">
        <Run RunNumber="1">50500</Run>
      </SubData>
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</Root>

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torial) are referenced</Title>
    <Author>Thomas S. Iversen</Author>
    <Date>07-06-2006 20:41:00</Date>
    <OperatingSystem>Microsoft Windows NT 5.0.2195 Service Pack 4</OperatingSyst
em>
    <MemoryInstalled Units="MB">768</MemoryInstalled>
    <CPU>Intel(R) Pentium(R) M processor 1.50GHz</CPU>
    <CurrentClockSpeed Units="MHz">600</CurrentClockSpeed>
    <MaxClockSpeed Units="MHz">1493</MaxClockSpeed>
  </MetaData>
  <DataSet Name="Evaluation time" Units="ms">
    <Data Name="Excel (FullCalculation)">
      <SubData Name="Evaluation time" Units="ms" NumberOfRuns="1">
        <Run RunNumber="1">4285</Run>
      </SubData>
    </Data>
    <Data Name="Gnumeric">
      <SubData Name="Evaluation time" Units="ms" NumberOfRuns="1">
        <Run RunNumber="1">107000</Run>
      </SubData>
    </Data>
    <Data Name="TinyCalc SUM -- Level 0">
      <SubData Name="Evaluation time" Units="ms" NumberOfRuns="3">
        <Run RunNumber="1">56918</Run>
        <Run RunNumber="2">56825</Run>
        <Run RunNumber="3">57007</Run>
      </SubData>
    </Data>
  </DataSet>
</Root>
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```

<?xml version="1.0"?>
<Root>
  <MetaData>
    <Title>Taylorexansion of exp(0.5), no cellreferences</Title>
    <Author>Thomas S. Iversen</Author>
    <Date>10-06-2006 20:41:21</Date>
    <OperatingSystem>Microsoft Windows NT 5.0.2195 Service Pack 4</OperatingSystem>
  </MetaData>
  <Data Name="Evaluation time" Units="ms">
    <Data Name="Level0">
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        <Run RunNumber="2">10523</Run>
        <Run RunNumber="3">10051</Run>
      </SubData>
    </Data>
    <Data Name="Level2">
      <SubData Name="Evaluation time" Units="ms" NumberOfRuns="3">
        <Run RunNumber="1">7521</Run>
        <Run RunNumber="2">7332</Run>
        <Run RunNumber="3">7809</Run>
      </SubData>
    </Data>
    <Data Name="Level3">
      <SubData Name="Evaluation time" Units="ms" NumberOfRuns="3">
        <Run RunNumber="1">5367</Run>
        <Run RunNumber="2">5729</Run>
        <Run RunNumber="3">5352</Run>
      </SubData>
    </Data>
    <Data Name="Level4">
      <SubData Name="Evaluation time" Units="ms" NumberOfRuns="3">
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        <Run RunNumber="2">878</Run>
        <Run RunNumber="3">777</Run>
      </SubData>
    </Data>
    <Data Name="Level5">
      <SubData Name="Evaluation time" Units="ms" NumberOfRuns="3">
        <Run RunNumber="1">578</Run>
        <Run RunNumber="2">633</Run>
        <Run RunNumber="3">675</Run>
      </SubData>
    </Data>
    <Data Name="Level6">
      <SubData Name="Evaluation time" Units="ms" NumberOfRuns="3">
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        <Run RunNumber="2">292</Run>
        <Run RunNumber="3">176</Run>
      </SubData>
    </Data>
    <Data Name="Level7">
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        <Run RunNumber="2">661</Run>
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  </Data>

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```

  </Data>
</DataSet>
</Root>

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<?xml version="1.0"?>
<Root>
  <MetaData>
    <Title>Tayloexpansion of exp(0.5), no cellreferences</Title>
    <SubTitle>Excel and Gnumeric values. Gnumeric values are handtimed</SubTitle
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    <Author>Thomas S. Iversen</Author>
  </MetaData>
  <DataSet Name="Evaluation time" Units="ms">
    <Data Name="Excel (FullCalculationRebuild)">
      <SubData Name="Evaluation time" Units="ms" NumberOfRuns="1">
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      </SubData>
    </Data>
    <Data Name="Excel (FullCalculation)">
      <SubData Name="Evaluation time" Units="ms" NumberOfRuns="1">
        <Run RunNumber="1">1953</Run>
      </SubData>
    </Data>
    <Data Name="Gnumeric">
      <SubData Name="Evaluation time" Units="ms" NumberOfRuns="1">
        <Run RunNumber="1">16000</Run>
      </SubData>
    </Data>
    <Data Name="OOCalc">
      <SubData Name="Evaluation time" Units="ms" NumberOfRuns="1">
        <Run RunNumber="1">21000</Run>
      </SubData>
    </Data>
  </DataSet>
</Root>
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<?xml version="1.0"?>
<Root>
  <MetaData>
    <Title>Taylorexansion of exp(A1), Both enumerator (A1) and denominator (fac
torial) are referenced</Title>
    <Author>Thomas S. Iversen</Author>
    <Date>07-06-2006 20:41:00</Date>
    <OperatingSystem>Microsoft Windows NT 5.0.2195 Service Pack 4</OperatingSyst
em>
    <MemoryInstalled Units="MB">768</MemoryInstalled>
    <CPU>Intel(R) Pentium(R) M processor 1.50GHz</CPU>
    <CurrentClockSpeed Units="MHz">600</CurrentClockSpeed>
    <MaxClockSpeed Units="MHz">1493</MaxClockSpeed>
  </MetaData>
  <DataSet Name="Evaluation time" Units="ms">
    <Data Name="Excel (FullCalculation)">
      <SubData Name="Evaluation time" Units="ms" NumberOfRuns="1">
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      </SubData>
    </Data>
    <Data Name="Gnumeric">
      <SubData Name="Evaluation time" Units="ms" NumberOfRuns="1">
        <Run RunNumber="1">107000</Run>
      </SubData>
    </Data>
    <Data Name="OOCalc">
      <SubData Name="Evaluation time" Units="ms" NumberOfRuns="1">
        <Run RunNumber="1">17000</Run>
      </SubData>
    </Data>
  </DataSet>
</Root>
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```

<?xml version="1.0"?>
<Root>
  <MetaData>
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    <Author>Thomas S. Iversen</Author>
    <Date>06-07-2006 12:43:58</Date>
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  <CurrentClockSpeed Units="MHz">600</CurrentClockSpeed>
  <MaxClockSpeed Units="MHz">1493</MaxClockSpeed>
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        <Run RunNumber="2">59064</Run>
        <Run RunNumber="3">58950</Run>
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    </Data>
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        <Run RunNumber="3">25465</Run>
      </SubData>
    </Data>
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      <SubData Name="Evaluation time" Units="ms" NumberOfRuns="3">
        <Run RunNumber="1">14507</Run>
        <Run RunNumber="2">14138</Run>
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    </Data>
  </DataSet>
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