```
2) T(m) = cm - 00(m)
7)1)7(m)= cm - 0(m)
     7(m)= cm2-DO(m2)
            \left(\sum_{k=0}^{\infty} (c_1) + \sum_{k=0}^{\infty} (c_2)\right)
            60(C1.i.m + C2.3m)
         30 (3mc 2)
  Zi=0 (i) mc,+
  + (m+99). (3m.c2)
                    1 (m+99) (m+100) . mc1 + 3m2c2 + 99.3mc2
   Em (m+1)
                             m2+100m+99m+9900
                     + 3c2 (m2 + 99m)
                     may. (m2 + 199m + 4950)
                     + 3.C2m2 + 297.C2m
                      - 199m2c1 + 495amc1 +
            \frac{3 \cdot C_{1} + m^{2} \cdot 199c_{1} + 4950c_{1} \cdot m + m^{3} \cdot 3c_{2} + m \cdot 297c_{2}}{2}
          10 (m3)
```

5) 
$$\sqrt{\frac{1}{1-2}}$$
  $\sqrt{\frac{1}{2}}$   $\sqrt{\frac{1}{2}}$