Deckblatt für die Abgabe der Übungsaufgaben IngMathC2

Vocatoric, Almir Name, Vorname:

StudOn-Kennung:

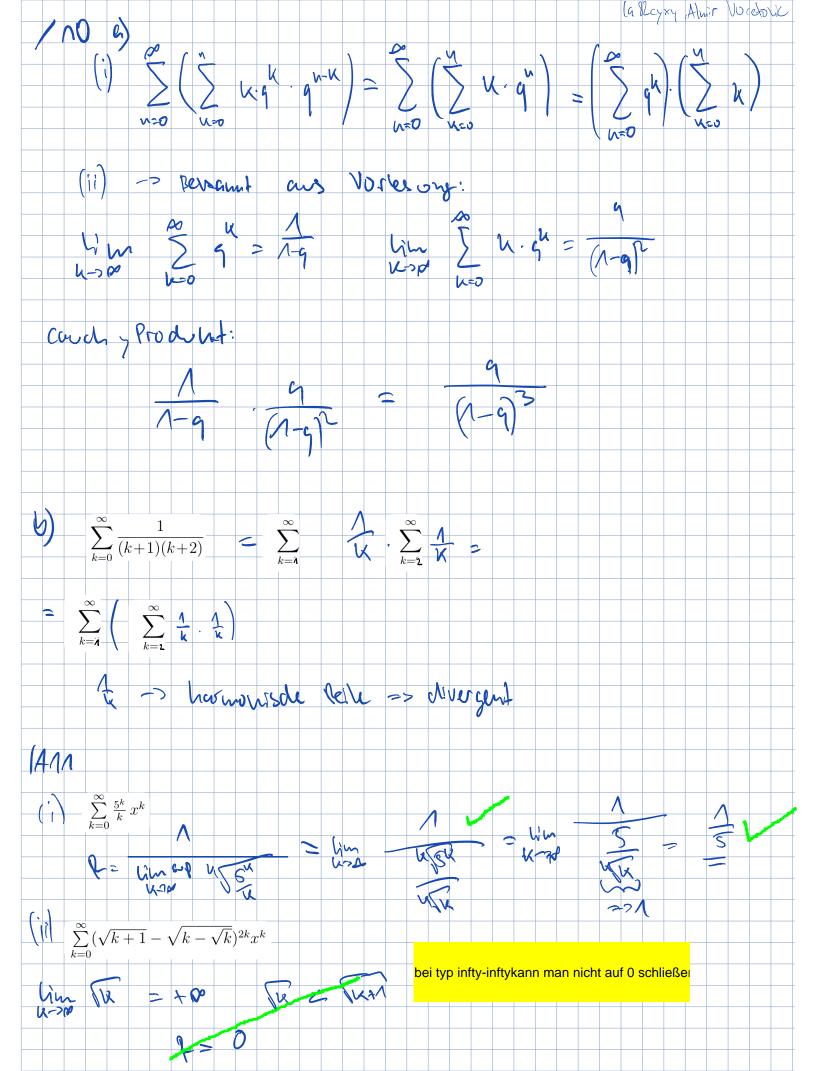
Blatt-Nummer:

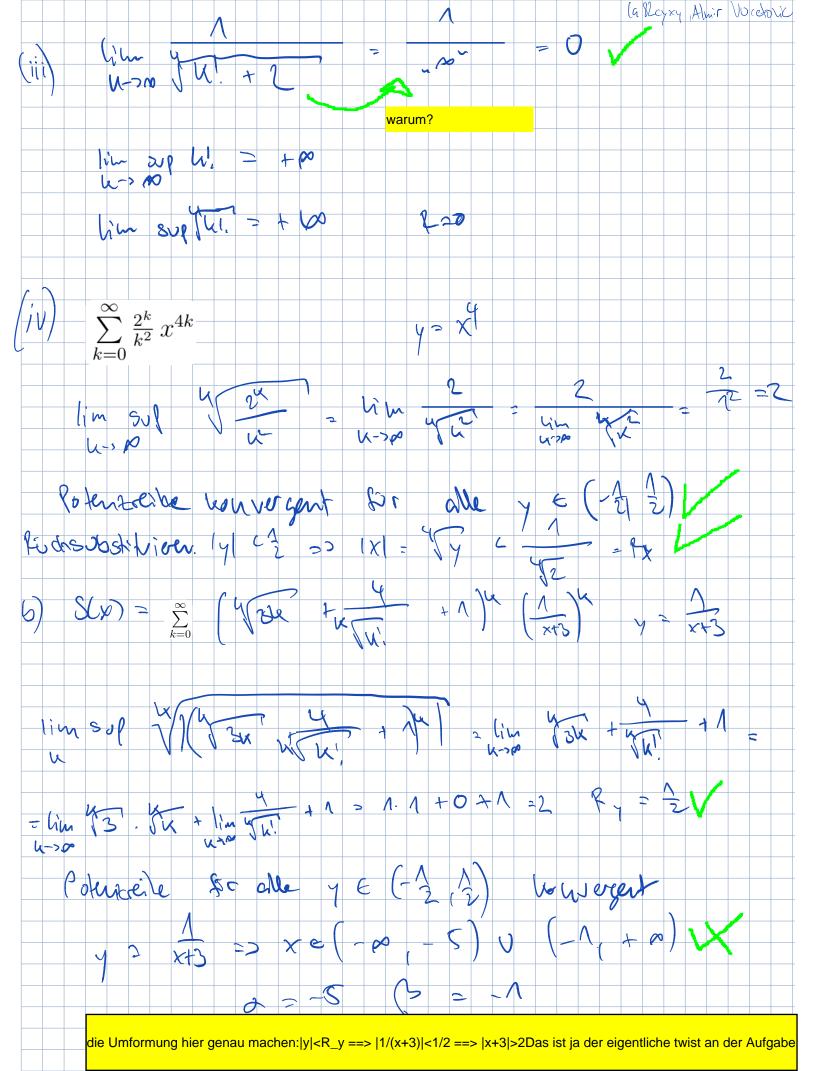
Übungsgruppen-Nr:

Die folgenden Aufgaben gebe ich zur Korrektur frei:

A10, A11, A12,

6.5/10*30 = 19.5





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la Bloyxy Almir Vocabolic
      (5'x) = ex((ix))
            e > e i >
       (05 (3x) + : sin (5x) = (cos (x) + sin(x))
(05 (>x)+i 5\n(3x) = (05)(x)+3(052(x) isin (x)+3(05(x)(siux))+(isin(x))+
    = (05 (x) + i · 3 cos2(x) sin (x) - 3cos(x) sin (x) - isiy3(x)
(05 (x) = (05 (x) - 205 (x) 5, 4 (x) = (05 (x) - 3cos (x) (1-cos (x)) =
       = 45 h (x) + > 5 h (x)
Sin (3x) = 3c652(x) 844 (x) - 514 (x) = 3(1-514 (x)) 514(x) - Sin (x) -
        = -4 &1 n2 +3 &1 n cx)
(; <u>)</u>
   Sin(x+lx)= Sin(x) (05(lx) + (05(x) · Sin(2x) +
               = sin(x) ((052(x) - 314 (x)) +(05(x) -2514(x) cos(x)=
             =-Sin(x) + sin(x) cos2(x) +2 sin cos2(x) =
            = -sin 2k) + > sin (x) (n-sin (xi) =
             > ~4 sin (x) + 36 nCx)
   (05 (X+ 2x) = cos (x) · cos (2x) - sin(x) · Sin(2x) =
          ~ (OSCK) · (COSCK) - S'h (x) - S'h (x) · LSh (x) · COSK)=
         = (05 (x) -Sy (x) (05 (x) -25 y (x) (65 (x) =
        - (05°Cx) - (1-(05°Cx)) (05°Cx) - ((1-(05°Cx)) (05°Cx) =
       ~ (05)(x) + (05)(x) - (05(x) - 2 cos(x)+2cos3 =
        = 9(05) (05 (k)
SIN (2x) = Sin (x+x) > Sin (x) (a) (x) + (os (x) Sin(x) = 25in(x) cos(x)
(0) (2x) = cos(x+x)= cos(x)-sty(x)
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