

3 Rentenrechnung

Englische Aufgaben

- 3.1** The future value of an annuity due with eight year period and interest rate of 3% p.a. is 25000€.
- a.** Calculate the annual payments of the series of payments.
 - b.** Calculate the present value of the payments.
[future value ... Endwert; annuity due ... vorschüssige Rente; annual payments ... jährliche Raten; present value ... Barwert]
- 3.2** The present value of an ordinary annuity with eight year period and interest rate of 3% p.a. is 15000€.
- a.** Calculate the monthly payments of the annuity.
 - b.** Calculate the future value of the series of payments.
[ordinary annuity ... nachschüssige Rente]
- 3.3** A capital of 80 000€ is invested at an interest rate of 5% p.a. Calculate the **a.** annual, **b.** monthly payment in arrears of a perpetuity.
[payment in arrears ... nachschüssige Zahlung; perpetuity ... ewige Rente]