

C Makros

Iterationsverfahren in VBA für Excel

Modul Korrektur CO

```
Attribute VB_Name = "Modul2"
Sub Makro1()
Attribute Makro1.VB_Description = "Makro am 18.04.00 von Stephan Schmidt aufgezeichnet"
Attribute Makro1.VB_ProcData.VB_Invoke_Func = " \n14"
,
' Makro1 Makro
' Makro am 18.04.00 von Stephan Schmidt aufgezeichnet
,
' Deklaration der Variablen
    Dim Zeile As Integer
    Dim Spalte As Integer
    Dim aktz1 As Object
    Dim aktz2 As Object
    Dim x As Integer
    Dim y As Integer
' Schleife zum Auslesen der Messwerte
For x = 14 To 20
For y = 35 To 47
    Sheets("Konzentrationsbestimmung I").Select
    Cells(34, x).Select
    Selection.Copy
    Sheets("Korrektur CO").Select
    Cells(3, 2).Select
    Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
        False, Transpose:=False
    Sheets("Konzentrationsbestimmung I").Select
    Cells(y, x).Select
    Selection.Copy
    Sheets("Korrektur CO").Select
    Cells(2, 3).Select
    Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
```

```

        False, Transpose:=False
Range("C1:IT1").Select
Cells.Find(What:="1", After:=ActiveCell, LookIn:=xlValues, LookAt:= _
        xlWhole, SearchOrder:=xlByRows, SearchDirection:=xlNext, MatchCase:= _
        False).Activate
Set aktz1 = ActiveCell
Spalte = aktz1.Column
Range("A3:A254").Select
Cells.Find(What:="1", After:=ActiveCell, LookIn:=xlValues, LookAt:= _
        xlWhole, SearchOrder:=xlByColumns, SearchDirection:=xlNext, MatchCase:= _
        False).Activate
Set aktz2 = ActiveCell
Zeile = aktz2.Row
Cells(Zeile, Spalte).Select
Selection.Copy
Sheets("Konzentrationsbestimmung I").Select
Cells(y, x + 18).Select
ActiveSheet.Paste
Next y
Next x
End Sub

```

Modul Korrektur CO₂

```

Attribute VB_Name = "Modul3"
Sub Makro1()
'
' Makro1 Makro
' Makro am 18.04.00 von Stephan Schmidt aufgezeichnet
'
' Deklaration der Variablen
    Dim Zeile As Integer
    Dim Spalte As Integer
    Dim aktz1 As Object
    Dim aktz2 As Object
    Dim x As Integer
    Dim y As Integer
' Schleife zum Auslesen der Messwerte
For x = 24 To 30
For y = 35 To 47
    Sheets("Konzentrationsbestimmung I").Select
    Cells(34, x).Select
    Selection.Copy
    Sheets("Korrektur CO2").Select
    Cells(3, 2).Select

```

```
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
Sheets("Konzentrationsbestimmung I").Select
Cells(y, x).Select
Selection.Copy
Sheets("Korrektur CO2").Select
Cells(2, 3).Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
Range("C1:IT1").Select
Cells.Find(What:="1", After:=ActiveCell, LookIn:=xlValues, LookAt:= _
    xlWhole, SearchOrder:=xlByRows, SearchDirection:=xlNext, MatchCase:= _
    False).Activate
Set aktz1 = ActiveCell
Spalte = aktz1.Column
Range("A3:A254").Select
Cells.Find(What:="1", After:=ActiveCell, LookIn:=xlValues, LookAt:= _
    xlWhole, SearchOrder:=xlByColumns, SearchDirection:=xlNext, MatchCase:= _
    False).Activate
Set aktz2 = ActiveCell
Zeile = aktz2.Row
Cells(Zeile, Spalte).Select
Selection.Copy
Sheets("Konzentrationsbestimmung I").Select
Cells(y, x + 16).Select
ActiveSheet.Paste
Next y
Next x
End Sub
```

Modul Linearisierung CO₂

```
Attribute VB_Name = "Modul1"
Sub Linearisierung()
    '
    ' Konzentrationsberechnung Makro
    ' Makro am 08.11.99 von Stephan Schmidt erstellt
    ' berechnet fuer gemessene Phasenlagen die Konzentrationen
    ' vom SO2 und C2H4 im Detektor
    '
    Dim x As Integer
    Dim Max As String
    For x = 3 To 317
        Sheets("Daten").Select
        Cells(x, 3).Select
```

```

Selection.Copy
Sheets("Linearisierungsmatrix").Select
Range("A2").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
Sheets("Daten").Select
Cells(x, 12).Select
Application.CutCopyMode = False
Selection.Copy
Sheets("Bin\~or").Select
Range("A257").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
Sheets("Daten").Select
Cells(x, 20).Select
Selection.Copy
Cells(x, 21).Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
Next x
End Sub

```

Modul Linearisierung CO₂

```

Attribute VB_Name = "Modul1"
Sub Linearisierung()
,
' Konzentrationsberechnung Makro
' Makro am 08.11.99 von Stephan Schmidt erstellt
' berechnet fuer gemessene Phasenlagen die Konzentrationen
' vom SO2 und C2H4 im Detektor
,
Dim x As Integer
Dim Max As String
For x = 3 To 429
    Sheets("Daten").Select
    Cells(x, 3).Select
    Selection.Copy
    Sheets("Linearisierungsmatrix").Select
    Range("A2").Select
    Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
        False, Transpose:=False
    Sheets("Daten").Select
    Cells(x, 12).Select
    Application.CutCopyMode = False

```

```
Selection.Copy
Sheets("Bin\~or").Select
Range("A257").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
Sheets("Daten").Select
Cells(x, 20).Select
Selection.Copy
Cells(x, 21).Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
Next x
End Sub
```

Modul Detektorbestimmung SO₂

```
Attribute VB_Name = "Modul1"
Sub Delta()
,
' Makro1 Makro
' Makro am 11.01.00 von Stephan Schmidt aufgezeichnet
,
    Dim Zeile As Integer
    Dim Zeile2 As Integer
    Dim Zeile3 As Integer
    Dim Zeile4 As Integer
    Dim Spalte As Integer
    Dim Spalte1 As Integer
    Dim aktz1 As Object
    Dim aktz2 As Object
    Dim aktz3 As Object
    Dim aktz4 As Object
    Dim aktz5 As Object
    Dim aktz6 As Object
    Dim x As Integer
    Dim y As Integer
    Sheets("Detektorzusammensetzung").Select
    Cells(110, 2).Select
    Selection.Copy
    Sheets("Koeffizient a").Select
    Range("C2").Select
    Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
        False, Transpose:=False
    Range("B3").Select
    Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
```

```

False, Transpose:=False
Rows("1:1").Select
Cells.Find(What:="1", After:=ActiveCell, LookIn:=xlValues, LookAt:= _
xlWhole, SearchOrder:=xlByColumns, SearchDirection:=xlNext, MatchCase:= _
False).Activate
Set aktz5 = ActiveCell
Zeile4 = aktz5.Row
Columns("A:A").Select
Cells.Find(What:="1", After:=ActiveCell, LookIn:=xlValues, LookAt:= _
xlWhole, SearchOrder:=xlByRows, SearchDirection:=xlNext, MatchCase:=False _
).Activate
Set aktz6 = ActiveCell
Spalte1 = aktz6.Column
Cells(Zeile4, Spalte1).Select
Selection.Copy
Sheets("Konzentration fuer H2O").Select
Range("B32").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
False, Transpose:=False
Sheets("Koeffizient b").Select
Range("C2").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
False, Transpose:=False
Range("B3").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
False, Transpose:=False
Cells(Zeile4, Spalte1).Select
Selection.Copy
Sheets("Konzentration fuer H2O").Select
Range("B33").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
False, Transpose:=False
Sheets("Koeffizient c").Select
Range("C2").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
False, Transpose:=False
Range("B3").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
False, Transpose:=False
Cells(Zeile4, Spalte1).Select
Selection.Copy
Sheets("Konzentration fuer H2O").Select
Range("B34").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
False, Transpose:=False

```

```
Sheets("Koeffizient a (2)").Select
Range("C2").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
Range("B3").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
Cells(Zeile4, Spalte1).Select
Selection.Copy
Sheets("Konzentration fuer H2O").Select
Range("C32").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
Sheets("Koeffizient b (2)").Select
Range("C2").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
Range("B3").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
Cells(Zeile4, Spalte1).Select
Selection.Copy
Sheets("Konzentration fuer H2O").Select
Range("C33").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
Sheets("Koeffizient c (2)").Select
Range("C2").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
Range("B3").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
Cells(Zeile4, Spalte1).Select
Selection.Copy
Sheets("Konzentration fuer H2O").Select
Range("C34").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
Sheets("Detektorzusammensetzung").Select
Cells(110, 2).Select
Selection.Copy
Sheets("Konzentration fuer SO2").Select
Range("B11").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
```

```

    False, Transpose:=False
Range("B31").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
Range("B51").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
Range("J8").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
Sheets("Konzentration fuer H2O").Select
Range("B10").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
Range("B46").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
Range("J8").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
For x = 3 To 60
Sheets("KALIB (2)").Select
Cells(x, 7).Select
Selection.Copy
Sheets("Konzentration fuer S02").Select
Range("I2").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
Sheets("KALIB (2)").Select
Cells(x, 8).Select
Selection.Copy
Sheets("Konzentration fuer H2O").Select
Range("I2").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
Sheets("KALIB (2)").Select
Cells(x, 31).Select
Selection.Copy
Sheets("Kknzentration fuer H2O").Select
Range("B1").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
Sheets("KALIB (2)").Select
Cells(x, 32).Select
Selection.Copy

```



```
Sheets("Konzentration fuer SO2").Select
Range("B1").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
For y = 21 To 26
    Sheets("Konzentration fuer H2O").Select
    Cells(y, 6).Select
    Selection.Copy
    Sheets("Delta SO2").Select
    Cells(3, 2).Select
    Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
        False, Transpose:=False
    Sheets("Delta H2O").Select
    Cells(3, 2).Select
    Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
        False, Transpose:=False
    Sheets("Konzentration fuer SO2").Select
    Cells(y, 6).Select
    Selection.Copy
    Sheets("Delta SO2").Select
    Cells(2, 3).Select
    Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
        False, Transpose:=False
    Sheets("Delta H2O").Select
    Cells(2, 3).Select
    Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
        False, Transpose:=False
    Sheets("Delta SO2").Select
    Rows("1:1").Select
    Cells.Find(What:="1", After:=ActiveCell, LookIn:=xlValues, LookAt:= _
        xlWhole, SearchOrder:=xlByColumns, SearchDirection:=xlNext, MatchCase:= _
        False).Activate
    Set aktz1 = ActiveCell
    Zeile = aktz1.Row
    Columns("A:A").Select
    Cells.Find(What:="1", After:=ActiveCell, LookIn:=xlValues, LookAt:= _
        xlWhole, SearchOrder:=xlByRows, SearchDirection:=xlNext, MatchCase:=False _
        ).Activate
    Set aktz2 = ActiveCell
    Spalte = aktz2.Column
    Cells(Zeile, Spalte).Select
    Selection.Copy
    Sheets("Konzentration fuer SO2").Select
    Cells(y - 9, 9).Select
    Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
```

```

        False, Transpose:=False
Cells(y, 6).Select
Selection.Copy
Sheets("S02").Select
Cells(x, y).Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
        False, Transpose:=False
Sheets("Delta H2O").Select
Cells(Zeile, Spalte).Select
Selection.Copy
Sheets("Konzentration fuer H2O").Select
Cells(y - 9, 9).Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
        False, Transpose:=False
Cells(y, 6).Select
Selection.Copy
Sheets("H2O").Select
Cells(x, y).Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
        False, Transpose:=False
Next y
Sheets("S02 (2)").Select
Cells(x, 20).Select
Selection.Copy
Sheets("Konzentration fuer S02").Select
Range("M20").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
        False, Transpose:=False
Range("M21:M26").Select
Cells.Find(What:="0", After:=ActiveCell, LookIn:=xlValues, _
        LookAt:=xlWhole, SearchOrder:=xlByColumns, SearchDirection:=xlNext, _
        MatchCase:=False).Activate
Cells(25, 12).Activate
Set aktz3 = ActiveCell
Zeile2 = aktz3.Row
Cells(Zeile2, 6).Select
Selection.Copy
Sheets("S02 (2)").Select
Cells(x, 21).Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
        False, Transpose:=False
Sheets("H2O (2)").Select
Cells(x, 20).Select
Selection.Copy
Sheets("Konzentration fuer H2O").Select

```

```
Range("M20").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
Range("M21:M26").Select
Cells.Find(What:="0", After:=ActiveCell, LookIn:=xlValues, _
    LookAt:=xlWhole, SearchOrder:=xlByColumns, SearchDirection:=xlNext, _
    MatchCase:=False).Activate
Cells(25, 12).Activate
Set aktz4 = ActiveCell
Zeile3 = aktz4.Row
Cells(Zeile3, 6).Select
Selection.Copy
Sheets("H20 (2)").Select
Cells(x, 21).Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
Next x
Sheets("S02 (2)").Select
Range("X2:AA63").Select
Selection.Copy
Sheets("Ergebnisse S02").Select
Cells(1, 1 + 40).Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
Sheets("H20 (2)").Select
Range("X2:AA63").Select
Selection.Copy
Sheets("Ergebnisse H20").Select
Cells(1, 1 + 40).Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
End Sub
```

Modul Detektorbestimmung SO₂ - 2

```
Attribute VB_Name = "Modul3"
Sub Makro4()
Attribute Makro4.VB_Description = "Makro am 24.11.99 von Stephan Schmidt aufgezeichnet"
Attribute Makro4.VB_ProcData.VB_Invoke_Func = " \n14"
,
' Makro4 Makro
' Makro am 24.11.99 von Stephan Schmidt aufgezeichnet
,
    Dim Max As Double
    Dim Zahl As Double
```

```

Dim Zeile As Integer
Dim Spalte As Integer
Dim aktz As Object
Dim Cell1 As Object
Dim Cell2 As Object
Dim x As Integer
For x = 14 To 91
    Sheets("Konzentrationen").Select
    Cells(x, 6).Select
    Selection.Copy
    Sheets("Phase Grauanteil (2)").Select
    Range("A104").Select
    ActiveSheet.Paste
    Sheets("Konzentrationen").Select
    Cells(x, 8).Select
    Application.CutCopyMode = False
    Selection.Copy
    Sheets("Phase NH3 (2)").Select
    Range("A104").Select
    ActiveSheet.Paste
    Sheets("Phase (2)").Select
    ActiveCell.SpecialCells(xlLastCell).Select
    Selection.End(xlToLeft).Select
    Zahl = Cells(106, 1).Value
    Max = Format(Zahl, "#0.000000000000000")
    Cells.Find(What:=Max, After:=ActiveCell, LookIn:=xlValues, _
        LookAt:=xlPart, SearchOrder:=xlByRows, SearchDirection:=xlNext, _
        MatchCase:=False).Activate
    Set aktz = ActiveCell
    Zeile = aktz.Row
    Spalte = aktz.Column
    Selection.End(xlUp).Select
    Application.CutCopyMode = False
    Selection.Copy
    ActiveWindow.ScrollWorkbookTabs Sheets:=-1
    Sheets("Detektorkonzentrationen (1)").Select
    Cells(x, 2).Select
    Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
        False, Transpose:=False
    Sheets("Phase (2)").Select
    Cells.FindNext(After:=ActiveCell).Activate
    Selection.End(xlToLeft).Select
    Application.CutCopyMode = False
    Selection.Copy
    ActiveWindow.ScrollWorkbookTabs Sheets:=-1

```

```
Sheets("Detektorkonzentrationen (1)").Select
Cells(x, 8).Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
Next x
End Sub
```

Modul Konzentrationsbestimmung SO₂

```
Attribute VB_Name = "Modul2"
Sub Makro2()
Attribute Makro2.VB_Description = "Makro am 12.01.00 von Stephan Schmidt aufgezeichnet"
Attribute Makro2.VB_ProcData.VB_Invoke_Func = " \n14"
,
' Makro2 Makro
' Makro am 12.01.00 von Stephan Schmidt aufgezeichnet
,
    Sheets("SO2 (2)").Select
    Cells(x, 20).Select
    Selection.Copy
    Sheets("Konzentration fuer SO2 (2)").Select
    Range("M17").Select
    Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
        False, Transpose:=False
    Range("N18:N23").Select
    Cells.Find(What:="0", After:=ActiveCell, LookIn:=xlValues, _
        LookAt:=xlWhole, SearchOrder:=xlByColumns, SearchDirection:=xlNext, _
        MatchCase:=False).Activate
    Set aktz3 = ActiveCell
    Zeile2 = aktz3.Row
    Cells(Zeile2, 6).Select
    Selection.Copy
    Sheets("SO2 (2)").Select
    Cells(x, 21).Select
    Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
        False, Transpose:=False
    Sheets("H2O (2)").Select
    Cells(x, 20).Select
    Selection.Copy
    Sheets("Konzentration fuer H2O (2)").Select
    Range("M17").Select
    Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
        False, Transpose:=False
    Range("N18:N23").Select
    Cells.Find(What:="0", After:=ActiveCell, LookIn:=xlValues, _
```

```

        LookAt:=xlWhole, SearchOrder:=xlByColumns, SearchDirection:=xlNext, _
        MatchCase:=False).Activate
Set aktz4 = ActiveCell
Zeile2 = aktz4.Row
Cells(Zeile3, 6).Select
Selection.Copy
Sheets("H2O (2)").Select
Cells(x, 21).Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
End Sub

```

Modul Konzentrationsbestimmung SO₂ - 2

```

Attribute VB_Name = "Modul1"
Sub Delta()
,
' Makro1 Makro
' Makro am 11.01.00 von Stephan Schmidt aufgezeichnet
,
    Dim Zeile As Integer
    Dim Zeile2 As Integer
    Dim Zeile3 As Integer
    Dim Spalte As Integer
    Dim aktz1 As Object
    Dim aktz2 As Object
    Dim aktz3 As Object
    Dim aktz4 As Object
    Dim x As Integer
    Dim y As Integer
For x = 2 To 59
    Sheets("KALIB (2)").Select
    Cells(x, 13).Select
    Selection.Copy
    Sheets("Konzentration fuer SO2 (3)").Select
    Range("I2").Select
    Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
        False, Transpose:=False
    Sheets("KALIB (2)").Select
    Cells(x, 14).Select
    Selection.Copy
    Sheets("Konzentration fuer H2O (2)").Select
    Range("I2").Select
    Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
        False, Transpose:=False

```

```
Sheets("KALIB (2)").Select
Cells(x, 22).Select
Selection.Copy
Sheets("Konzentration fuer H2O (2)").Select
Range("B1").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
Sheets("KALIB (2)").Select
Cells(x, 21).Select
Selection.Copy
Sheets("Konzentration fuer SO2 (3)").Select
Range("B1").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
For y = 18 To 23
    Sheets("Konzentration fuer H2O (2)").Select
    Cells(y, 6).Select
    Selection.Copy
    Sheets("Delta SO2").Select
    Cells(3, 2).Select
    Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
        False, Transpose:=False
    Sheets("Delta H2O").Select
    Cells(3, 2).Select
    Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
        False, Transpose:=False
    Sheets("Konzentration fuer SO2 (3)").Select
    Cells(y, 6).Select
    Selection.Copy
    Sheets("Delta SO2").Select
    Cells(2, 3).Select
    Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
        False, Transpose:=False
    Sheets("Delta H2O").Select
    Cells(2, 3).Select
    Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
        False, Transpose:=False
    Sheets("Delta SO2").Select
    Rows("1:1").Select
    Cells.Find(What:="1", After:=ActiveCell, LookIn:=xlValues, LookAt:= _
        xlWhole, SearchOrder:=xlByColumns, SearchDirection:=xlNext, MatchCase:= _
        False).Activate
    Set aktz1 = ActiveCell
    Zeile = aktz1.Row
    Columns("A:A").Select
```

```

Cells.Find(What:="1", After:=ActiveCell, LookIn:=xlValues, LookAt:= _
xlWhole, SearchOrder:=xlByRows, SearchDirection:=xlNext, MatchCase:=False _
).Activate
Set aktz2 = ActiveCell
Spalte = aktz2.Column
Cells(Zeile, Spalte).Select
Selection.Copy
Sheets("Konzentration fuer SO2 (3)").Select
Cells(y, 9).Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
False, Transpose:=False
Cells(y, 6).Select
Selection.Copy
Sheets("SO2").Select
Cells(x, y).Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
False, Transpose:=False
Sheets("Delta H2O").Select
Cells(Zeile, Spalte).Select
Selection.Copy
Sheets("Konzentration fuer H2O (2)").Select
Cells(y, 9).Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
False, Transpose:=False
Cells(y, 6).Select
Selection.Copy
Sheets("H2O").Select
Cells(x, y).Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
False, Transpose:=False
Next y
Sheets("SO2 (2)").Select
Cells(x, 20).Select
Selection.Copy
Sheets("Konzentration fuer SO2 (3)").Select
Range("M17").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
False, Transpose:=False
Range("N18:N23").Select
Cells.Find(What:="0", After:=ActiveCell, LookIn:=xlValues, _
LookAt:=xlWhole, SearchOrder:=xlByColumns, SearchDirection:=xlNext, _
MatchCase:=False).Activate
Set aktz3 = ActiveCell
Zeile2 = aktz3.Row
Cells(Zeile2, 6).Select

```



```
Selection.Copy
Sheets("SO2 (2)").Select
Cells(x, 21).Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False

Sheets("H2O (2)").Select
Cells(x, 20).Select
Selection.Copy
Sheets("Konzentration fuer H2O (2)").Select
Range("M17").Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
Range("N18:N23").Select
Cells.Find(What:="0", After:=ActiveCell, LookIn:=xlValues, _
    LookAt:=xlWhole, SearchOrder:=xlByColumns, SearchDirection:=xlNext, _
    MatchCase:=False).Activate
Set aktz4 = ActiveCell
Zeile3 = aktz4.Row
Cells(Zeile3, 6).Select
Selection.Copy
Sheets("H2O (2)").Select
Cells(x, 21).Select
Selection.PasteSpecial Paste:=xlValues, Operation:=xlNone, SkipBlanks:= _
    False, Transpose:=False
Next x
End Sub
```