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Microsoft Visual Basic for Applications - Information

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Project - VBAProject

- VBAProject (Information sheet)
  - Microsoft Excel Objects
    - Sheet1 (Sheet1)
    - ThisWorkbook
  - Modules
    - Module1

```

Information - Module1 (Code)
General
Dim A As Double
Dim B As Double
Vel = (Ma / Radius1) * 0.5
A = Radius1 * 2
B = Radius1 + Radius1
Trans = ((A / B) * 0.5) - 1
Vtrans1 = Trans * Vel
End Function

Function Vtrans2(Ma, Radius1, Radius2) As Double
Dim Vel2 As Double
Dim Trans2 As Double
Dim C As Double
Dim D As Double
Vel2 = (Ma / Radius2) * 0.5
C = Radius1 * 2
D = Radius1 + Radius1
Trans2 = 1 - ((C / D) * 0.5)
Vtrans2 = Trans2 * Vel2
End Function
    
```

Properties - Module1

Module1 Module

Alphabetical | Categorized

(Name) (Module)

	J	K	L	M	N	O
	11.346	-12.736	-13.599	-13.920	-14.058	-14.243
	-8.794	-10.298	-11.281	-11.653	-11.814	-12.029
	-5.883	-7.368	-8.756	-9.161	-9.355	-9.617
	-2.558	-4.403	-5.771	-6.328	-6.576	-6.917
	N/A	-1.808	-1.321	-1.091	-0.909	-0.797
	1.549	N/A	-0.493	-2.327	-2.584	-3.114
	2.358	1.251	N/A	-0.731	-1.087	-1.687
	3.481	1.655	0.636	N/A	-0.357	-0.565
	2.452	1.778	0.906	0.333	N/A	-0.587
	2.252	1.817	1.213	0.783	0.513	N/A
	Value	Trans	Vel2	Trans	Vel2	Vel
	8.238	6.945	5.446	4.567	4.080	3.234
	6.606	6.017	4.966	4.255	3.841	3.094
	5.643	5.439	4.658	4.055	3.687	3.003
	4.299	4.582	4.331	3.745	3.448	2.860
	2.980	3.182	3.386	3.203	3.025	2.606
	N/A	1.549	1.358	1.481	1.452	1.373
	1.808	N/A	1.251	1.655	1.778	1.817
	1.321	1.493	N/A	0.636	0.906	1.213

# Programming Microsoft Excel Using Vba

**S Ashworth**



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web the standard human body model assumes a static charge transfer of about 0 1 micro coulombs 10<sup>-7</sup> c upon static electricity discharge between a human and a chip this does not seem like enough charge to do any harm until we remember the old formula  $q = cv$  3 12 1 3 12 1 q c v or

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web although our aim is to give an understanding of latchup as it occurs in cmos switches similar principles apply to many other cmos devices latchup may be defined as the creation of a low impedance path between power supply rails as a result of triggering a parasitic device

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