



```
; create matrix colum by colum
a = dblarr(m,n)
a(0,*) = 1
a(1,*) = x
a(2,*) = y
a(3,*) = z
a(4,*) = x*y
a(5,*) = x*z
a(6,*) = y*z
a(7,*) = x^2
a(8,*) = y^2
a(9,*) = z^2
```

; Decompose A:

```
tic = systime(1)
SVDC, A, W, U, V,/double
toc = systime(1)
```

; Compute the solution and print the result:

```
result1 = SVSOL(U, W, V, zon,/double)
```

```
toc2 = systime(1)
```

```
print,result1
```