

Vector Space (1A)

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Based on

Lab Manual for Linear Algebra

<http://joshua.smcvt.edu/linearalgebra/lab.pdf>

Function

```
V = VectorSpace(RDF, 3)
v1 = vector(RDF, [2, 1, 8])
v2 = vector(RDF, [-2, 8, 1])
W = V.span([v1, v2])
v3 = vector(RDF, [0, 1, 1])
v3 in W
v4 = vector(RDF, [1, 0, 8])
```

References

- [1] <http://joshua.smcvt.edu/linearalgebra/lab.pdf>