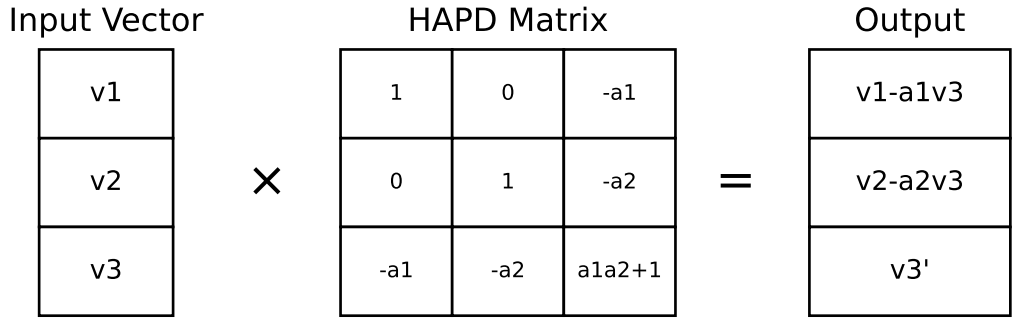
HAPD Matrix Transformation



The HAPD algorithm applies this matrix transformation to triple (v1,v2,v3).
Parameters a1, a2 are integer parts of v1/v3 and v2/v3.
The notation v3' represents the transformed value of v3 after one iteration.