restart;
with(linalg):

Warning, the protected names norm and trace have been redefined and unprotected

A := matrix([[1, -12, -14], [1, 2, -3], [1, 1, -2]]);

X0 := matrix([[4], [6], [-7]]);

eAt := exponential(A, t);

X := evalm(eAt * X0);

[> restart;
[> with(linalg):

Warning, the protected names norm and trace have been redefined and unprotected

A := matrix([[1, -12, -14], [1, 2, -3], [1, 1, -2]]);

A :=

X0 := matrix([[4], [6], [-7]]);

X0 :=

eAt := exponential(A, t);

eAt :=

X := evalm(eAt * X0);

X :=