```
> ContinuedFractionLinearTransform;
Intrinsic 'ContinuedFractionLinearTransform'

Signatures:

    (<AlgMatElt> m, <SeqEnum> w) -> SeqEnum

        Given the sequence w of partial quotients of a rational function z,
        return the sequence of partial quotients of (az+b)/(cz+d), where m =
        [[a,b],[c,d]] with polynomials a, b, c, d.


> P<x>:=PolynomialRing(GF(3));
> m:=Matrix(2,[1,x,x+1,-x]);
> ContinuedFractionLinearTransform(m,[1,x,x+1,x-1,x,x^2,x]);
[
    2*x + 1,
    x,
    2*x,
    x + 2,
    2*x + 2,
    x^2 + x,
    x + 1
]
>_
```