```
a = [1 -0.5919 2.1696 -1.1015 1.5081 -0.5823 0.3275 -0.0682];
b = [0.0790 0.2191 0.4421 0.5905 0.5905 0.4221 0.2192 0.0790];

io = numerictype(1,16, 12);

af = fi(a,io);
bf = fi(b,io);


afhex = af.hex
bfhex = bf.hex


afhex =

1000    f688    22b7    ee60    1821    f6af    053d    fee9


bfhex =

0144    0381    0713    0973    0973    06c1    0382    0144
```

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