```
1 -1 0 0 0 0 0 -150

0 1 -1 0 0 0 240

0 0 0 1 -1 0 80

0 0 0 0 1 -1 0 80

-1 0 0 0 0 1 -1 -160
    MATLAB
0 0 0 0 0 0 -1

0 0 0 0 0 0 -1

0 0 0 0 0 0 -1

0 0 0 0 0 0 -1
```

```
A=[1 -1 0 0 0 0 -150;

0 1 -1 0 0 0 240;

0 0 1 -1 0 0 -100;

0 0 0 1 -1 0 80;

0 0 0 0 1 -1 -160;

-1 0 0 0 0 1 90];

rref(A)
```

```
ans = 6×7

1 0 0 0 0 -1 -90
0 1 0 0 0 -1 -60
0 0 1 0 0 -1 -180
0 0 0 1 0 -1 -80
0 0 0 0 1 -1 -160
0 0 0 0 0 0 0 0
```

