```
notStart[r_Real]:=Framed@Show[Image[Table[
If[l==Round[320r],{1,0,0},{0,0,0}],{L,1,240},{l,1,320}]],
ImageSize->300];
```

```
videoL[curimg_,r_Real,zuobiaoL0_,zbfun_,dim_:{240,320},
jiankong_:False,di_:0.1]:=Module[
{img,L,l,lr          },
L=dim[[1]];l=dim[[2]];
lr=Round[r*l];
If[jiankong,
(*THEN*)
zuobiaoL=zbfun[ImageData[curimg],dim,r,1,di][[1]];
img=Show[curimg,
Graphics[
{
Blue,Line[{{0,zuobiaoL[[2]]},{lr,zuobiaoL[[2]]}}],
Line[{{zuobiaoL[[1]],0},{zuobiaoL[[1]],L}}],
Red,Line[{{lr,0},{lr,L}}],
Dashed,Line[{{0,zuobiaoL0[[2]]},
{lr,zuobiaoL0[[2]]}}],Line[{{zuobiaoL0[[1]],0},{zuobiaoL0[[1]],L}}],
Black,Rectangle[{lr+1,0},{l,L}]
}],ImageSize->300],
(*ELSE*)
img=Show[curimg,
Graphics[
{
Red,Line[{{lr,0},{lr,L}}],
Dashed,Line[{{0,zuobiaoL0[[2]]},{lr,zuobiaoL0[[2]]}}],
Line[{{zuobiaoL0[[1]],0},{zuobiaoL0[[1]],L}}],
Black,Rectangle[{lr+1,0},{l,L}]
}],ImageSize->300]
];
Framed[img]
];
```

```
videoR[curimg_,r_Real,zuobiaoR0_,zbfun_,dim_:{240,320},
jiankong_:False,di_:0.1]:=Module[
{img,L,l,lr      },
L=dim[[1]];l=dim[[2]];
lr=Round[r*l];
If[jiankong,
(*THEN*)
zuobiaoR=zbfun[ImageData[curimg],dim,r,2,di][[1]];
img=Show[curimg,
Graphics[
{
Blue,Line[{{lr,zuobiaoR[[2]]},{l,zuobiaoR[[2]]}}],
Line[{{zuobiaoR[[1]],0},{zuobiaoR[[1]],L}}],
Red,Line[{{lr,0},{lr,L}}],
Dashed,Line[{{lr,zuobiaoR0[[2]]},{l,zuobiaoR0[[2]]}}],
Line[{{zuobiaoR0[[1]],0},{zuobiaoR0[[1]],L}}],
Black,Rectangle[{0,0},{lr-1,L}]
}],ImageSize->300],
(*ELSE*)
img=Show[curimg,
Graphics[
{
Red,Line[{{lr,0},{lr,L}}],
Dashed,Line[{{lr,zuobiaoR0[[2]]},{l,zuobiaoR0[[2]]}}],
Line[{{zuobiaoR0[[1]],0},{zuobiaoR0[[1]],L}}],
Black,Rectangle[{0,0},{lr-1,L}]
}],ImageSize->300]
];
Framed[img]
];
```

```
videoLR[curimg_,r_Real,zuobiaoLR0_,zbfun_,dim_:{240,320},
jiankong_:False,di_:0.1]:=Module[
{img,L,l,lr,zuobiaoL0,zuobiaoR0      },
L=dim[[1]];l=dim[[2]];
lr=Round[r*l];
zuobiaoL0=zuobiaoLR0[[1]];
zuobiaoR0=zuobiaoLR0[[2]];
If[jiankong,
(*THEN*)
zuobiaoL=zbfun[ImageData[curimg],dim,r,3,di][[1]];
zuobiaoR=zbfun[ImageData[curimg],dim,r,3,di][[2]];
img=Show[curimg,
Graphics[
{
Blue,Line[{{0,zuobiaoL[[2]]},{lr,zuobiaoL[[2]]}}],
Line[{{zuobiaoL[[1]],0},{zuobiaoL[[1]],L}}],
Line[{{lr,zuobiaoR[[2]]},{l,zuobiaoR[[2]]}}],
Line[{{zuobiaoR[[1]],0},{zuobiaoR[[1]],L}}],
Red,Line[{{lr,0},{lr,L}}],
Dashed,Line[{{0,zuobiaoL0[[2]]},{lr,zuobiaoL0[[2]]}}],
Line[{{zuobiaoL0[[1]],0},{zuobiaoL0[[1]],L}}],
Line[{{lr,zuobiaoR0[[2]]},{l,zuobiaoR0[[2]]}}],
Line[{{zuobiaoR0[[1]],0},{zuobiaoR0[[1]],L}}]
}],ImageSize->300],
(*ELSE*)
img=Show[curimg,
Graphics[
{
Red,Line[{{lr,0},{lr,L}}],
Dashed,Line[{{0,zuobiaoL0[[2]]},{lr,zuobiaoL0[[2]]}}],
Line[{{zuobiaoL0[[1]],0},{zuobiaoL0[[1]],L}}],
Line[{{lr,zuobiaoR0[[2]]},{l,zuobiaoR0[[2]]}}],
Line[{{zuobiaoR0[[1]],0},{zuobiaoR0[[1]],L}}]
}],ImageSize->300]
];
Framed[img]
];
```