

METASTOCK CODE FOR INTRADAY APPLICATION OF ERMANOMETRY

```
sm:=Input("starting month",1,12,1);
sd:=Input("starting day of month",1,31,1);
sh:=Input("hour", 1,24,1);
se:=Input("minute",0,60,0);

start:= sd=DayOfMonth() AND sm=Month() AND 2010
AND sh=Hour() AND se=Minute();
```

```
EF:=Input("seed segment EF (first wave)",1,900,10)
{first leg or movement};
DE:=Input("seed segment DE (second wave)",1,900,10)
{second leg or movement};
```

```
Ratio:=EF/DE;
```

```
Inverseratio:= 1/(EF/DE);
```

```
x:=BarsSince(start);
```

```
CD:=DE*Inverseratio;
```

```
BC:=CD*Inverseratio;
```

```
AB:=BC*Inverseratio;
```

```
FG:= EF*Ratio;
```

```
GH:=FG*Ratio;
```

```
HI:=GH*Ratio;
```

```
IJ:=HI*Ratio;
```

```
FH:= Sqrt(Power(FG,2)+Power(GH,2));
```

```
{start of calculations}
```

```
If(x=Int(FH),1,0); {Erman}
```

```
If(x=Int(GH),1,0); {Erman}
```

```
If(x=Int(HI),1,0); {Erman}
```

```
If(x=Int(IJ),1,0); {Erman}
```

```
If(x=Int(DE+EF+CD),1,0); {Erman}
```

```
If(x=Int(GH+HI+IJ),1,0); {Erman}
```

```
If(x=Int(CD+DE+EF+FG+GH+HI),1,0); {Erman}
```

```
If(x=Int(EF+FG+GH),1,0); {Erman}
```

```
If(x=Int(CD+DE+EF+FG+GH),1,0); {Erman}
```

```
If(x=Int(CD+DE+EF+FG+GH+HI),1,0); {Erman}
```

```
If(x=Int(GH+IJ+CD+AB+EF),1,0); {Erman}
```

```
FH:= Sqrt(Power(FG,2)+Power(GH,2));
```

```
If(x=Int(FH+FG+GH),1,0); {Coles}
```

```
If(x=Int(AB+BC+CD+DE),1,0); {Coles}
```

```
If(x=Int(AB+BC+CD+DE+GH),1,0); {Coles}
```

```
If(x=Int(FG+GH),1,0); {Coles}
```

```
If(x=Int(GH+HI),1,0); {Coles}
```

```
If(x=Int(FG+BC+CD),1,0); {Coles}
```

```
If(x=Int(FG+BC+CD+DE),1,0); {Coles}
```

```
If(x=Int(CD+BC),1,0); {Coles}
```

```
If(x=Int(DE+BC),1,0); {Coles}
```

```
If(x=Int(Sqrt(Power(CD,2)+Power(DE,2))+CD+DE),1,0);
```

```
{Coles}
```

```
If(x=Int(Sqrt(Power(EF,2)+Power(FG,2))+EF+FG),1,0);
```

```
{Coles}
```