

Проект «Системы автоматического управления с автоматической обратной связью»

```
PUBLIC CONST h AS Integer = 390
PUBLIC CONST w AS Integer = 390
PUBLIC x AS Integer
PUBLIC y AS Integer
```

```
PUBLIC SUB Button1_Click()
    Draw.Begin(DrawingArea1)
    Draw.circle(w / 2, h / 2, 100)
    Draw.Point(w / 2, h / 2)
    x = Round(Rnd(0, w))
    y = Round(Rnd(0, h))
    Draw.circle(x, y, 2)
    Draw.End()
END
```

```
PUBLIC SUB ButtonSt_Click()
    REPEAT
        IF x > w / 2 THEN
            x = x - 1
        ELSE
            IF x < w / 2 THEN
                x = x + 1
            ENDIF
        ENDIF
        IF y > h / 2 THEN
            y = y - 1
        ELSE
            IF y < h / 2 THEN
                y = y + 1
            ENDIF
        ENDIF
        Labelx.Text = x
        Labely.Text = y
        Draw.Begin(DrawingArea1)
        Draw.Circle(x, y, 2)
        Draw.End()
    UNTIL (x = w / 2) AND (y = h / 2)
END
```