

621.317.7

...

,

-

MicroCal Origin 6.1.

MS Access 2010

:

« — ».

[1].

Pascal

1.

()

()

[2, 3].

[6].

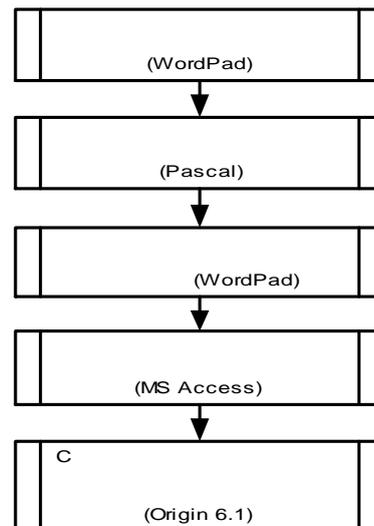
« — »

Pascal.

[4].

(. 1).

[5].



.1.

WordPad.

Pascal.

MS Access.

2.

(. 2)

AllFusion

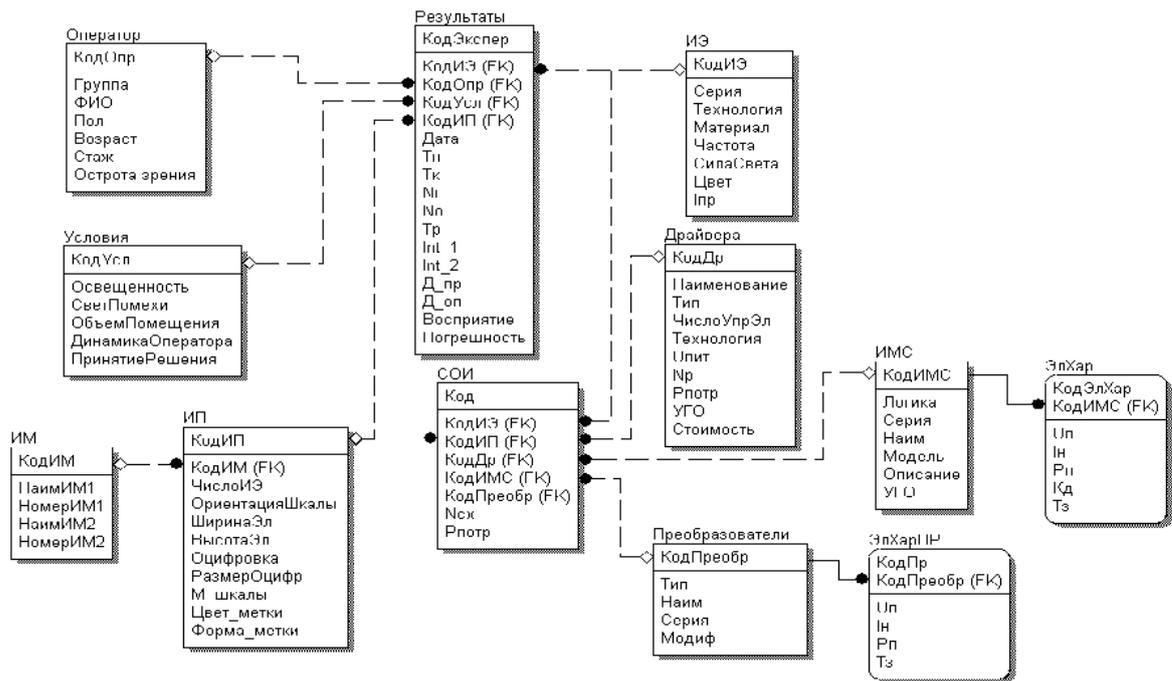
ERwin Data Modeler 7.

Windows,

ER-

MS Access

2010



. 2.

SQL-
 SELECT
 FROM INNER JOIN
 ()INNERJOIN ON JOIN
 =) ON ([13, 14].
 =)AND((n > 100),
);
 SQL-

[8].

(_2),
 Origin 6.1.

MS Access ODBC
 Windows

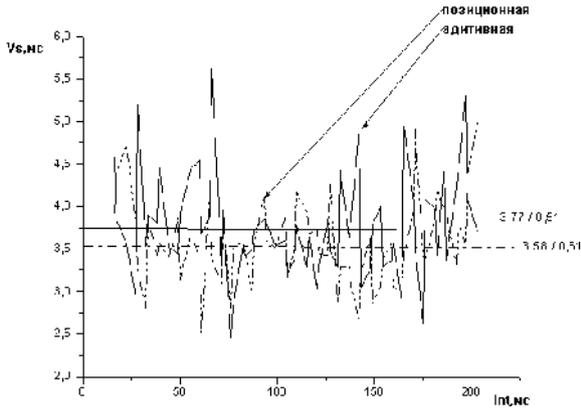
Origin,
 _2.
 [9].

(Vs)
 (Int)
 . 3.
 (Vs)

3,58
 0,51 . 3,77 0,61 .

«[I_]-[2_]».
 Origin.

Statistics on columns [10].



.3.

MS Access

```

SELECT
    [Avg] AS [Avg],
    [StDev] AS [StDev],
    [Var] AS [Var]
FROM
    [Table]
GROUP BY
    [Field]
HAVING
    (([StDev] = 0) AND
    ([Var] = 16)).
    
```

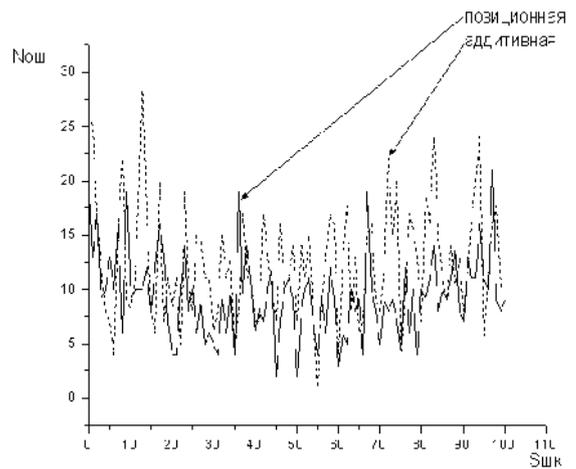
```

TRANSFORM Sum(
    [Field]
) AS [Sum]
SELECT
    Sum(
    [Field]
) AS [
    ],
FROM
    [Table]
WHERE ((
    [Field] = 2)
AND ((
    [Field] = 0))
GROUP BY
    [Field]
PIVOT
    [Field]
    
```

SQL

$$\begin{aligned}
 & (\quad) = 0, \quad = 2 \\
 & (\quad . 4).
 \end{aligned}$$

Origin



.4.

1. ,, .. : 2001. - 138

2. ,, ,, .. : . - , 1981. - 344 .

3. ,, .. : , 1985. - 200

KPRI,

4. 15467 - 79. , 1979. - 78 .

5. / , 1982. - 368

S p-

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7. ,, .. : , 2000. - 416 .

8. ,, ,, .. : , 1982. - 278 .

9. ,, ..

// - 1977. - 12. - . 26 - 27.

10. MicroCal Origin. - .. : , 2003. - 238 .

25.01.2014

MS Access 2010

MicroCal Origin 6.1.

**TREATMENT OF RESULTS IMITATION DESIGN INFORMATIVE MODELS DISCRETELY-ANALOG FORMS
PRESENTATION DATA ON LIGHT-EMITTING-DIODE SCALE**

V.P. Yartsev

The complex using of modern information technologies is offered for the imitation design of the visual characters generated by display of data devices, and subsequent analysis of their ergonomic parameters by means of of MS Access 2010 and graphic mathematical package of softwares of MicroCal Origin 6.1.

Keywords: *informative model, discretely-analog device, light-emitting-diode scale, ergonomics of the informative field, imitation.*