

004.3

The article describes the original software which can operate hierarchical conceptual structures in the learning process. These tools are laboratory prototypes of programs that could provide routine training in the formation of interrelated conceptual structures and test innovative ideas of the graphs use in teaching. The paper also discusses the research opportunities of the knowledge formation process with a help of the submitted means. Cognitive psychology is the conceptual basis of this work.

Key words: *software testing, graphs, information technology.*

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3.

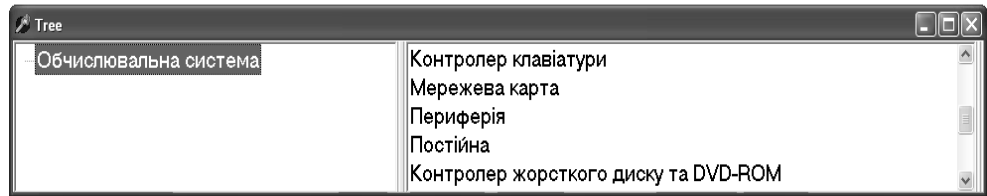
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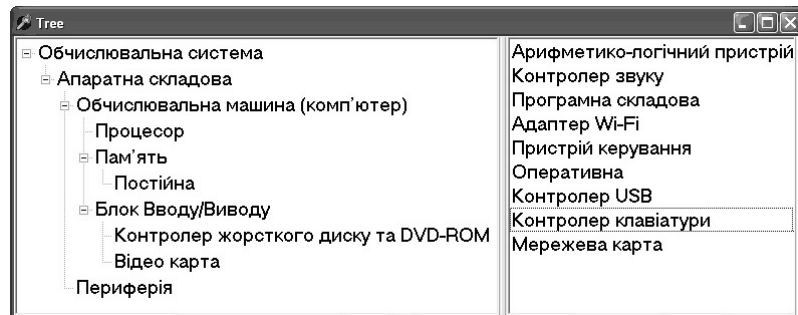
3.



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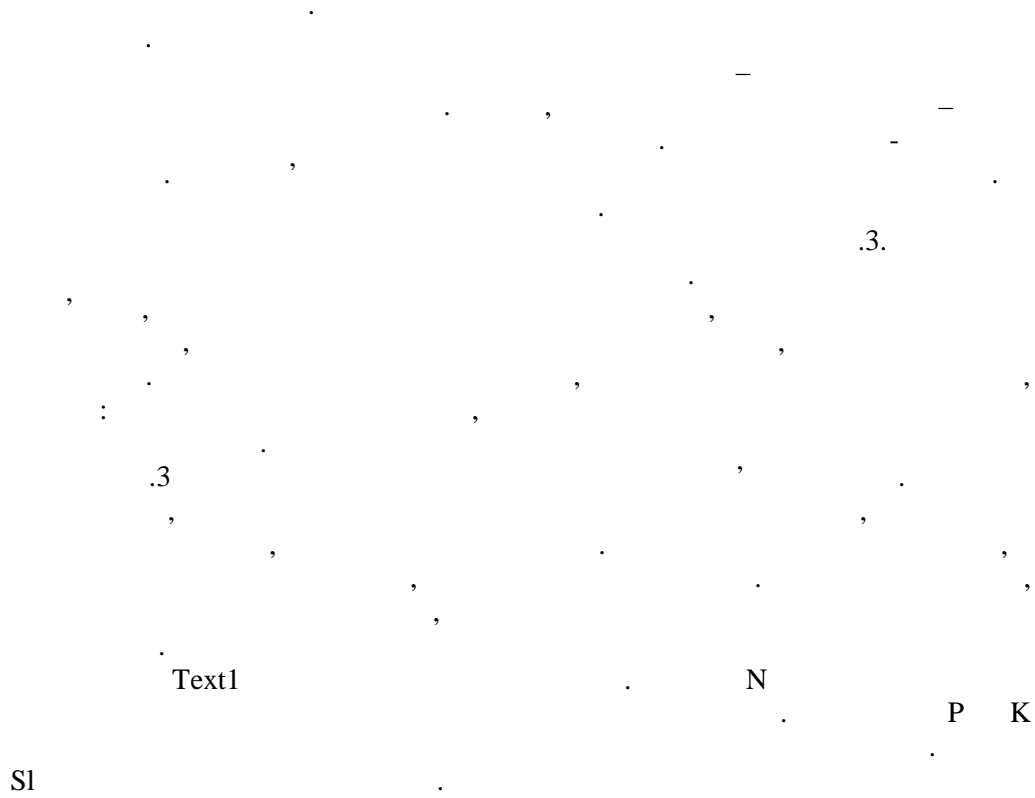
(.1).

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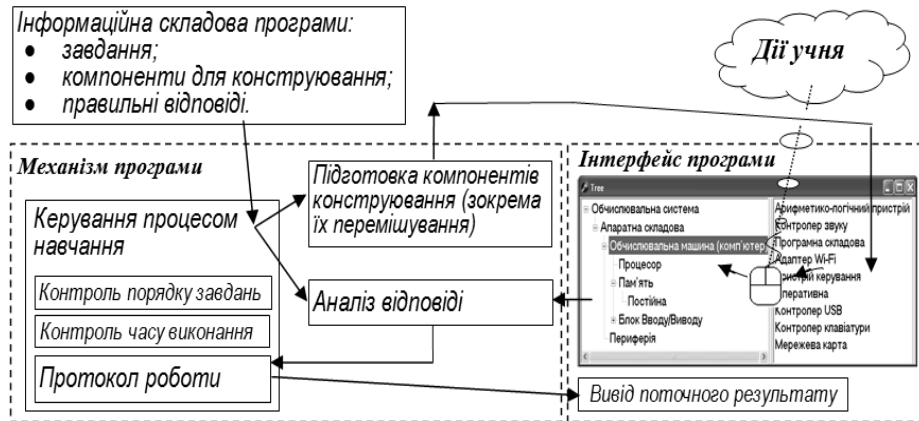


.2.

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```
Tree
procedure TForm1.Button1Click(Sender: TObject);
  Var n, p, k: integer;
  sl, text1: string;
  Begin
    //Однократна вирізка слова
    If Ord(text1[n])=32 Then
      Begin
        k:=n;
        sl:=Copy(text1,p,k-p);
        p:=k;
        While n<Length(text1) do
          Memo1.Lines.Add(sl)
        Begin
          //Багатократна вирізка окремих слів
          n:=n+1;
          End;
          text1:=Edit1.Text; p:=1; n:=1;
          End;
          //Надання змінним початкових значень
          End;
          // Вивід результату
```



.4

4.

1. . . . : . — .:
2. , 2002. - 272c. . 5- . — .: , 2002. — 496 .
3. . . . ,
(. . .) // . 2.
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4. „ — .: ,
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5. „ . . . — .: ,
, 1980. - 276 c.
6. . . . ,
125. // , 2008. — . 34 – 41.