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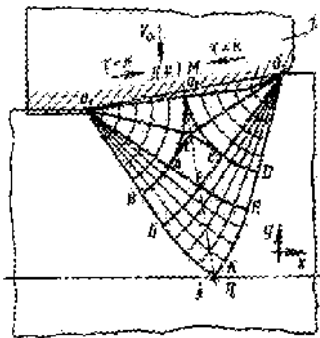
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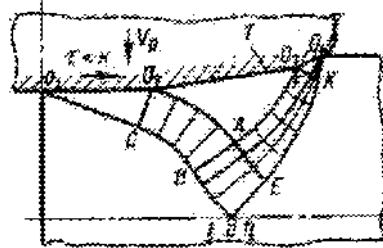
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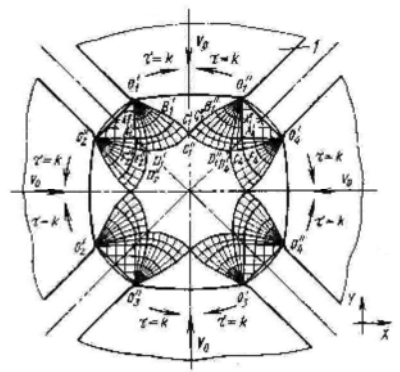
, . 1 [1].



1)



2)



3)

1), 2) —

, 3) —

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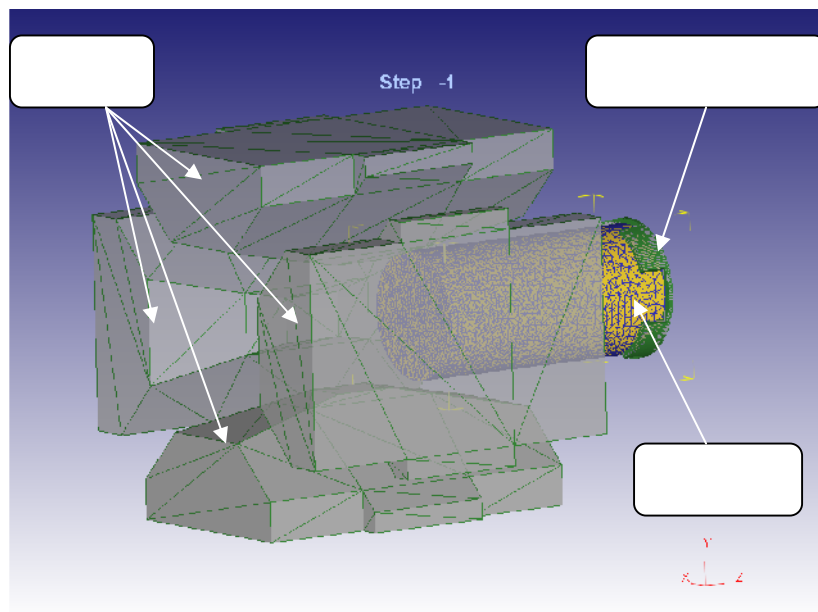
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DEFORM – 3D.

SolidWorks

DEFORM, 2.



.2.

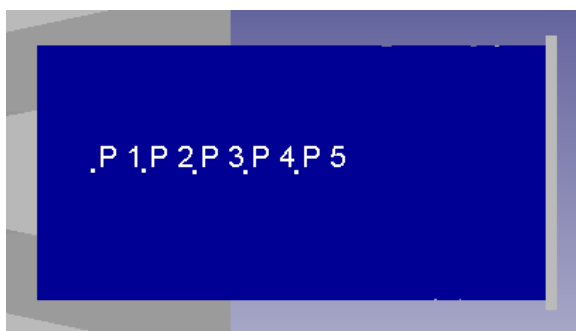
DEFORM

[2]

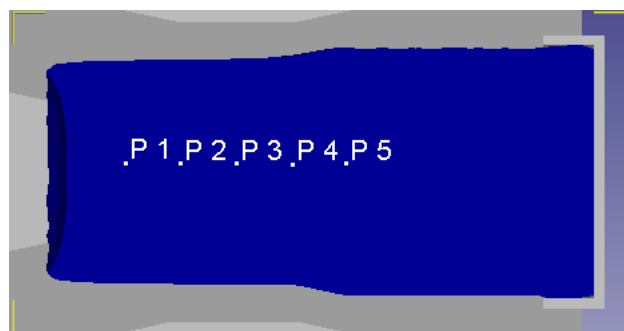
1150 °C.

DEFORM),

DEFORM



1)

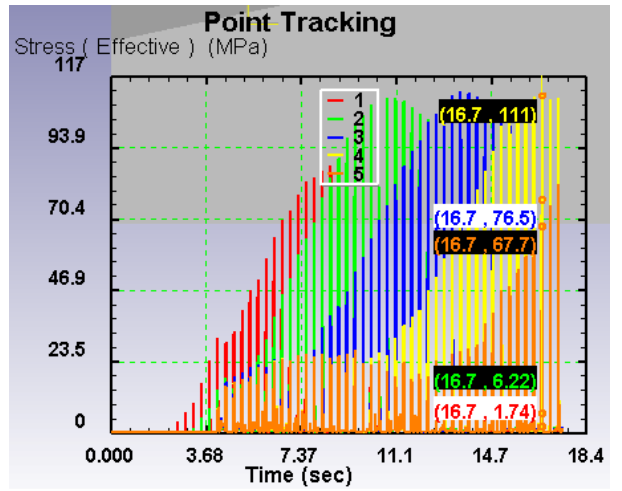
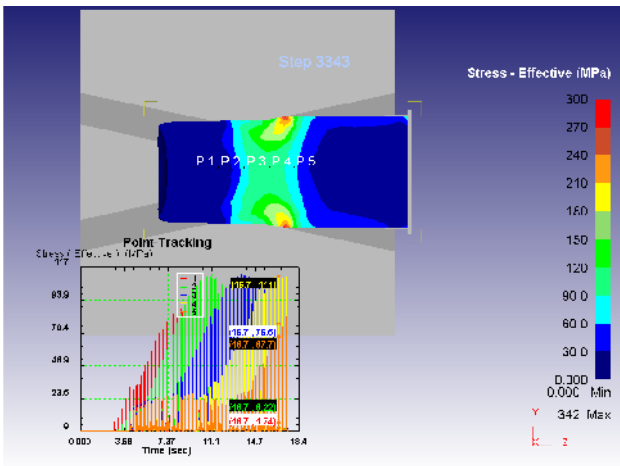


2)

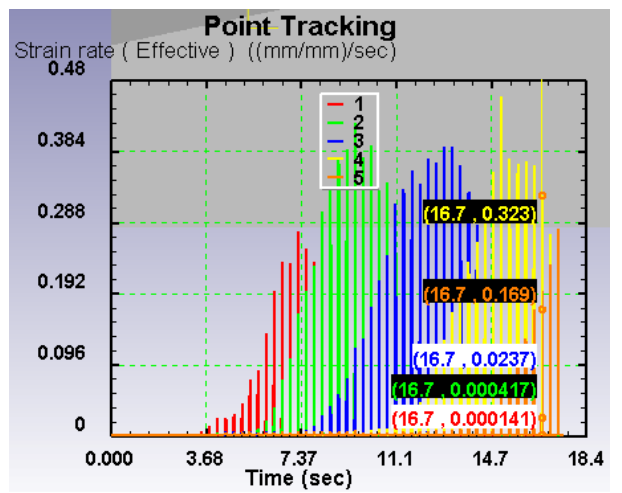
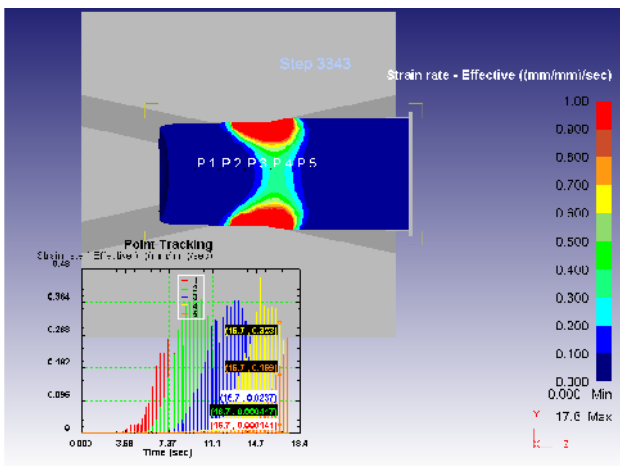
.3.

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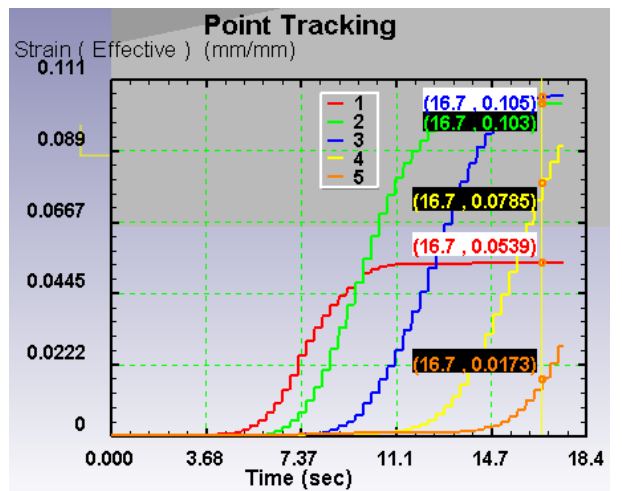
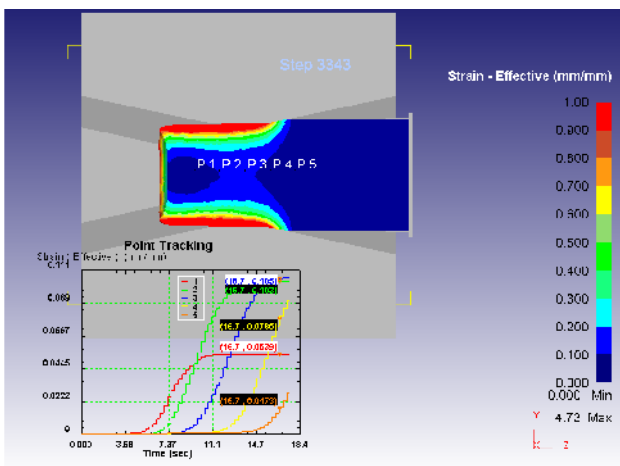
. 4.



1)



2)



3)

. 4.

(1),

(2)

(3)

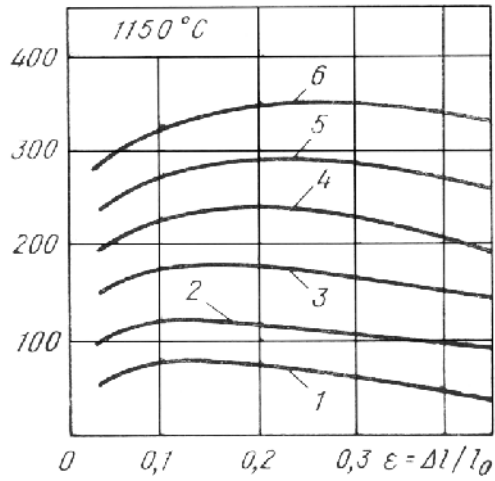
4 (1, 2),

110

[2]

56

1150 C°, 5.



: 1 – 0,01; 2 – 0,5; 3 – 1; 4 – 10; 5 – 50; 6 – 100⁻¹

. 5.

56

90

DEFORM

0,1, 4 (3).

1. - / . . , . . , . .
.; - .: , 1990. - 256 .: .
2. . . , . . . , « » , 1976. 488 .