

TEACHING FUTURE TECHNOLOGY EDUCATION TEACHERS THE SEQUENCE OF ACTIONS IN THE "VALENTINE" PROGRAM IN A DIGITAL LEARNING ENVIRONMENT

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Abstract: This article states that when working in the "Valentina" program, each user can use any tools at their discretion when creating a pattern and may use various objects in different sequences depending on the construction style.

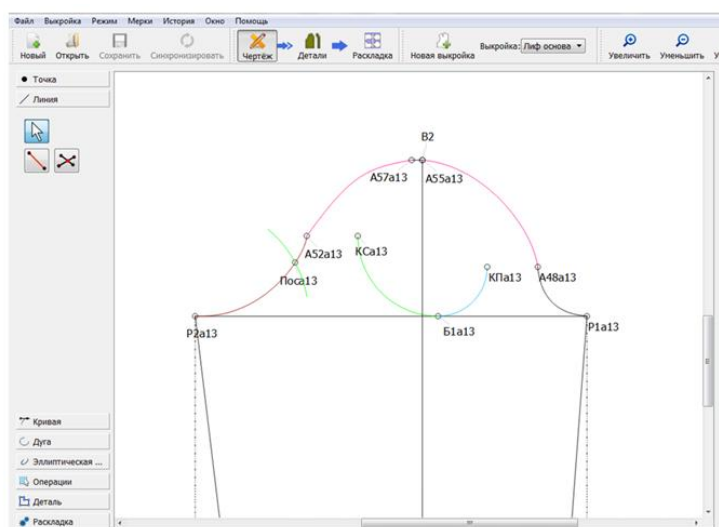
Keywords: Valentina program, pattern, pattern piece, control points/marks, formulas.

Introduction. In the program variables between straight away dependency This is the case. drawings in creation of course in consideration to be taken need. In the program actions clear in sequence execution marked. Directly dependency this means that the next actions previous objects for not visible.

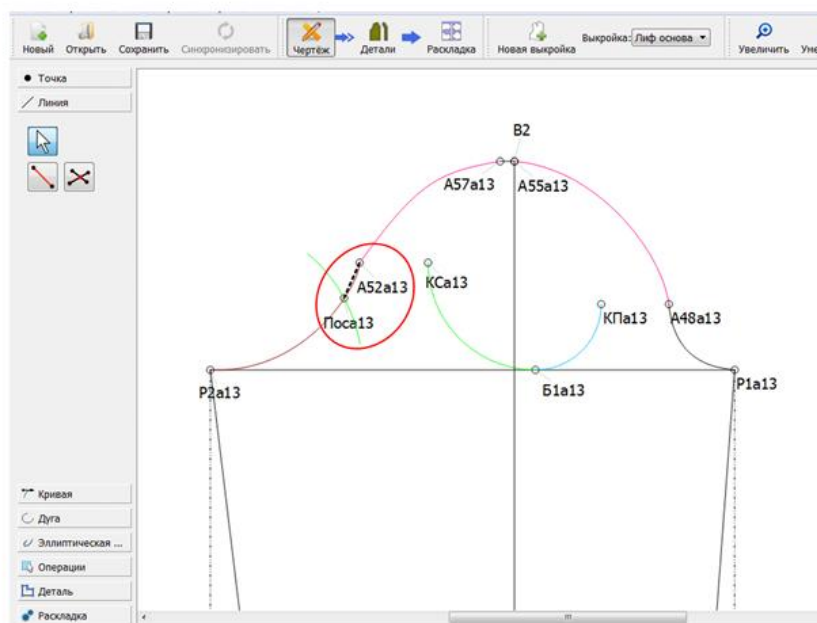
Some size to compose algorithms authors this on principle compliance doesn't do it, this and one how many from the drawing consists of sizes to create impossible to the point In this case, all calculations one in the drawing done your increase recommendation we do, in this separately drawings build for conditional basic points our creation need It will be.

In the program this feature pictures using seeing Let's go out.

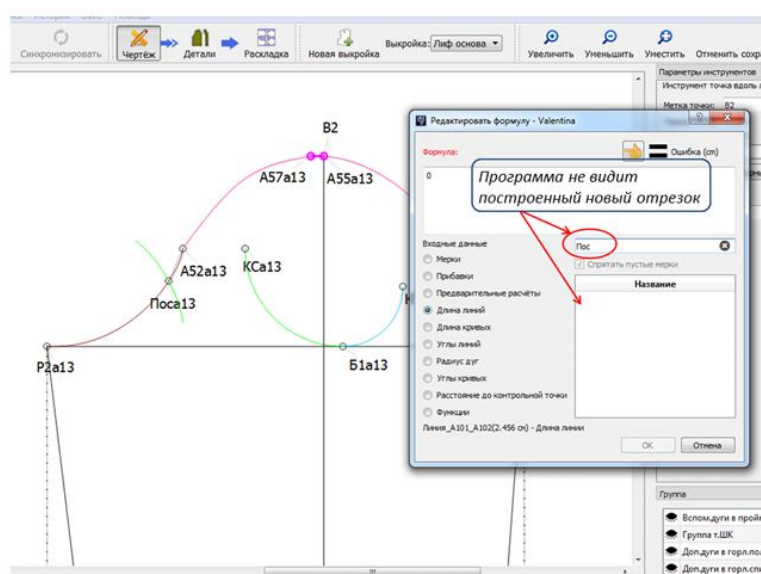
For example, one with stitches sleeve installable drawing built. Now the sleeve high in the part (okat along) freedom (posadka) distribution this is necessary and in the drawing sleeve high point (point B2) harvest was freedom to the amount looking at to move means.



In the drawing, point B2 final status one how many to the parameter, including the Pos_A52 section to the length (in the drawing this points a13 additions with (shown) is related to point B2. location formulas using designation for the Posa13_A52a13 cross section we create, that is shown points line with We connect. In the picture this dotted line with separated.



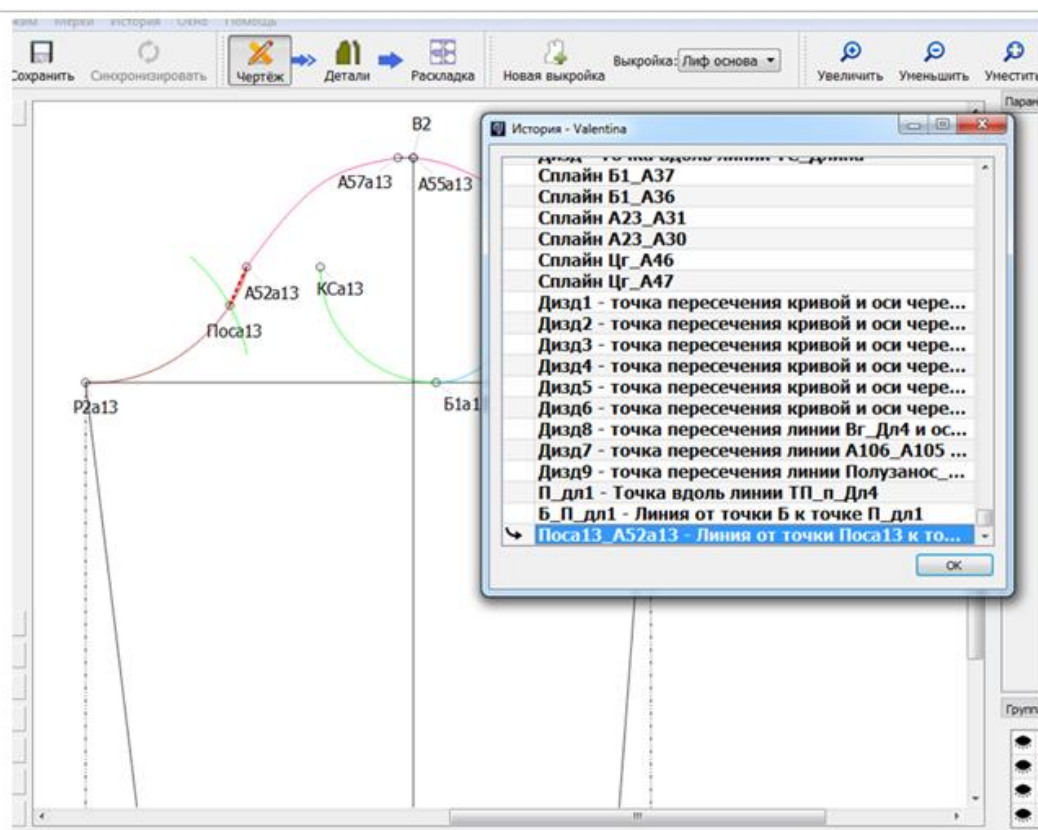
point B2 location determination for the formula Let's define. Formulas edit to the window let's go :



Formulas edit in the window necessary cut found It didn't happen. This is because is that the intersection of Posa13_A52a13 is point B2 since creation then drawn. That is, from point B2 before created all objects program sees and from them use possible. But from point B2 then in the drawing created everyone something programs this point of view from the point of view according to can't. Here it is on the ground variables between straight away dependency manifestation will be : Next all actions previous objects for The program are not visible. cut vision for point it B2 from creating before drawing need was.

Such a situation doesn't draw one part again not to build for " History " (History) from the tab use This is possible. label his/her own main from duty outside objects construction in the process to manage, that is drawing construction sequence to change opportunity But " History " (History) from the feature only necessity when use recommendation is done, because in this variables between cyclical dependency to the surface it comes, this program by "not supported." This action from doing before your file copy save it because unsuccessful attempt in the case of file broken of staying prevent you will get.

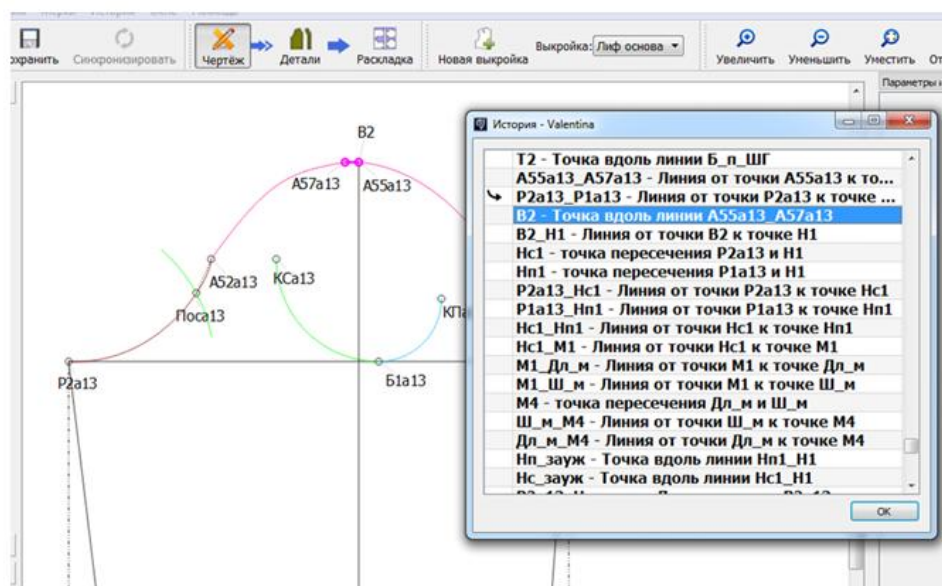
So, " History " (History) section:



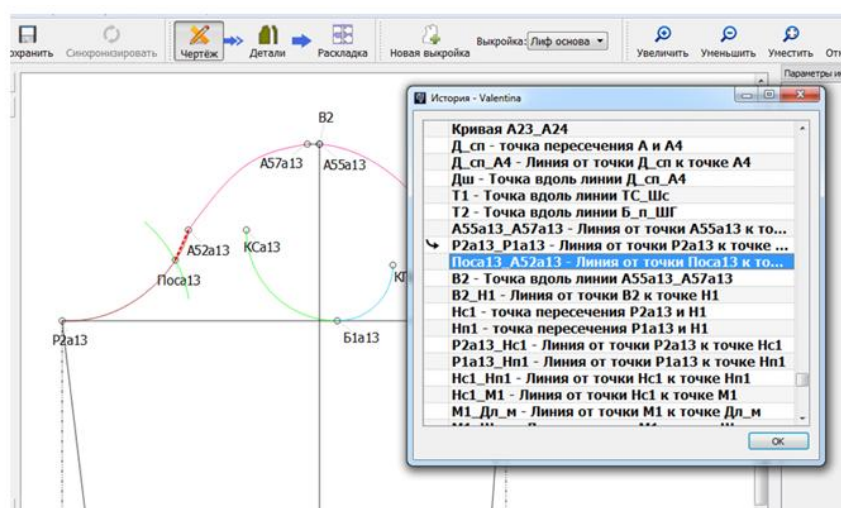
History " (History At the bottom of the) window, the last action performed by the program is written — Constructing the section Posa13_A52a13. The arrow to the left of this line points to

the last action performed by the program.

For us, this intersection must be constructed before point V2 is created. For this "History" in the window V2 build practice we find and arrow one to the position up we will move.



And history (History) window without closing standing, this in the drawing necessary cut again we create (points dotted line with let's combine):

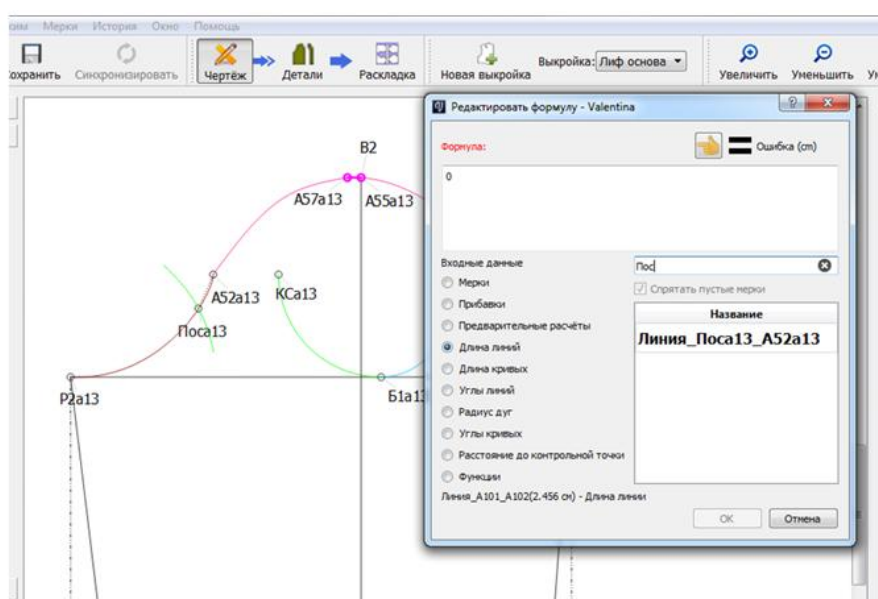


Created incision immediately "History" in the window appearance It was. Only now this action point V2 from creation before done is considered. So since, point V2 for the formula when

entering, the program this cut sees.

Then, " History " in the window arrow-shaped cursor again previous to the place – the mirror below, program by last done we will do it and this Click the [OK] button to close the window. pressing We close.

Now the formulas edit to the window enter the result check possible :



New cut formulas edit in the window reflection Now it is necessary the formula create for use possible.

References

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