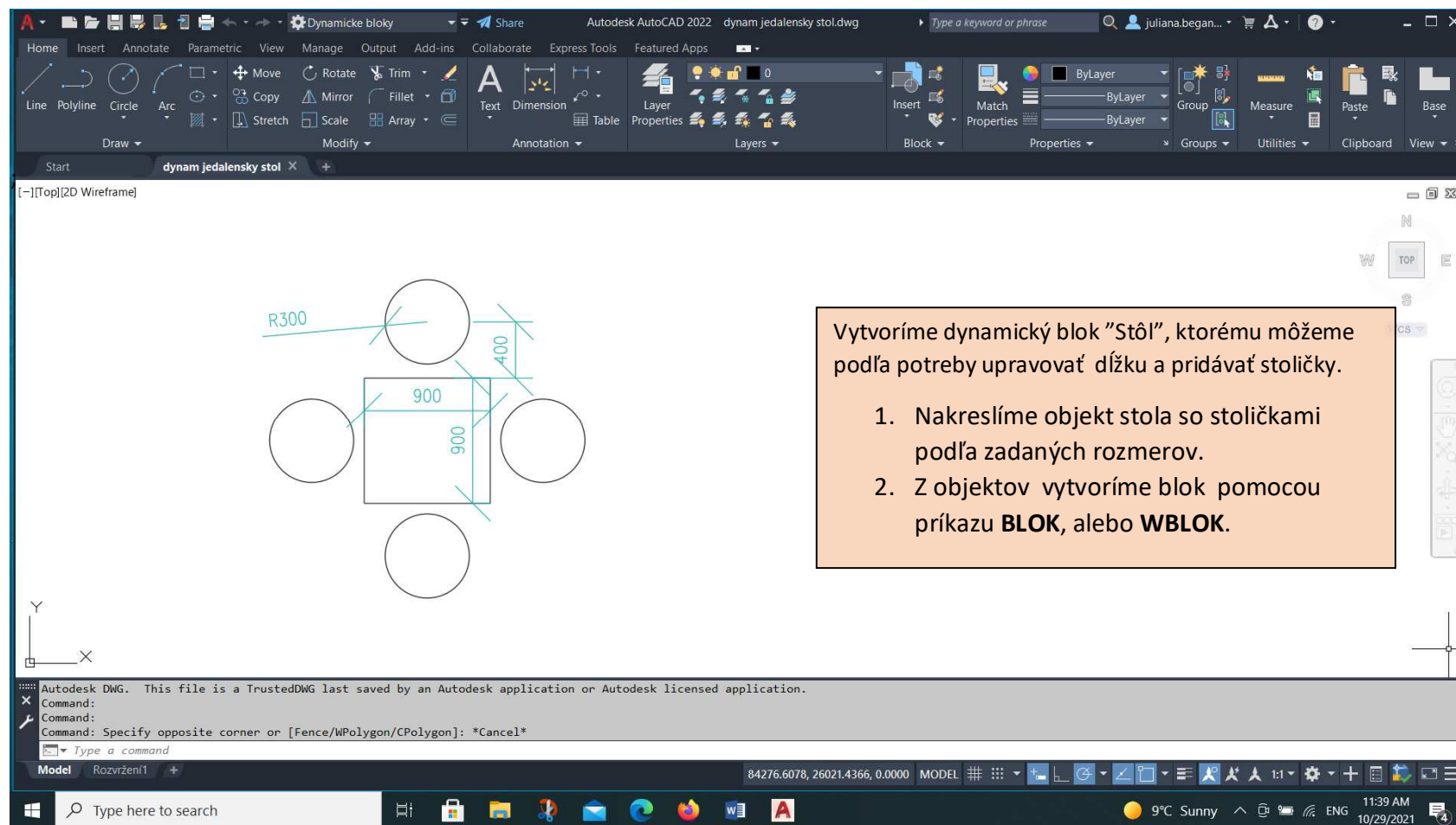


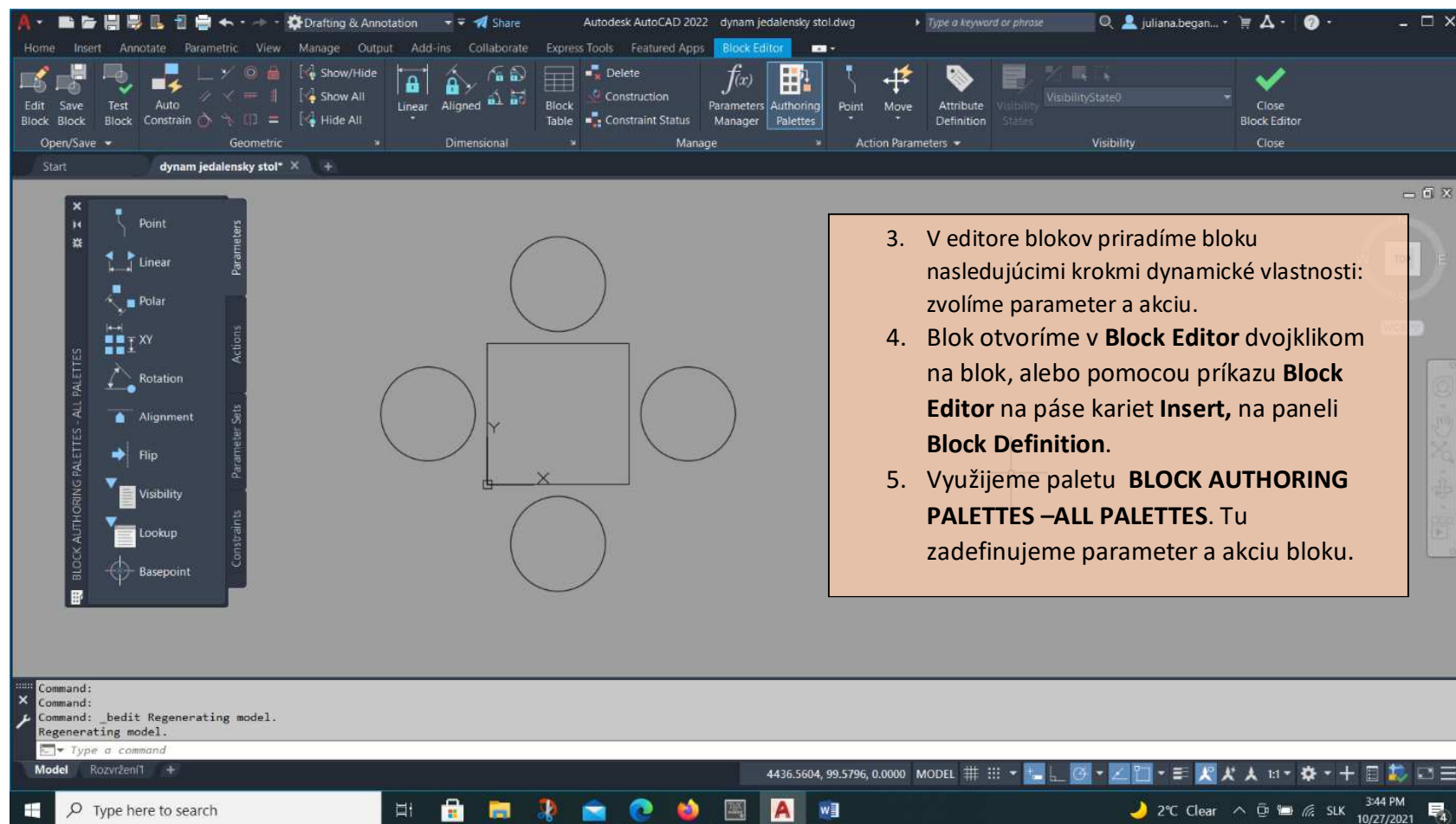
Katedra matematiky a deskriptívnej geometrie Svf STU Bratislava

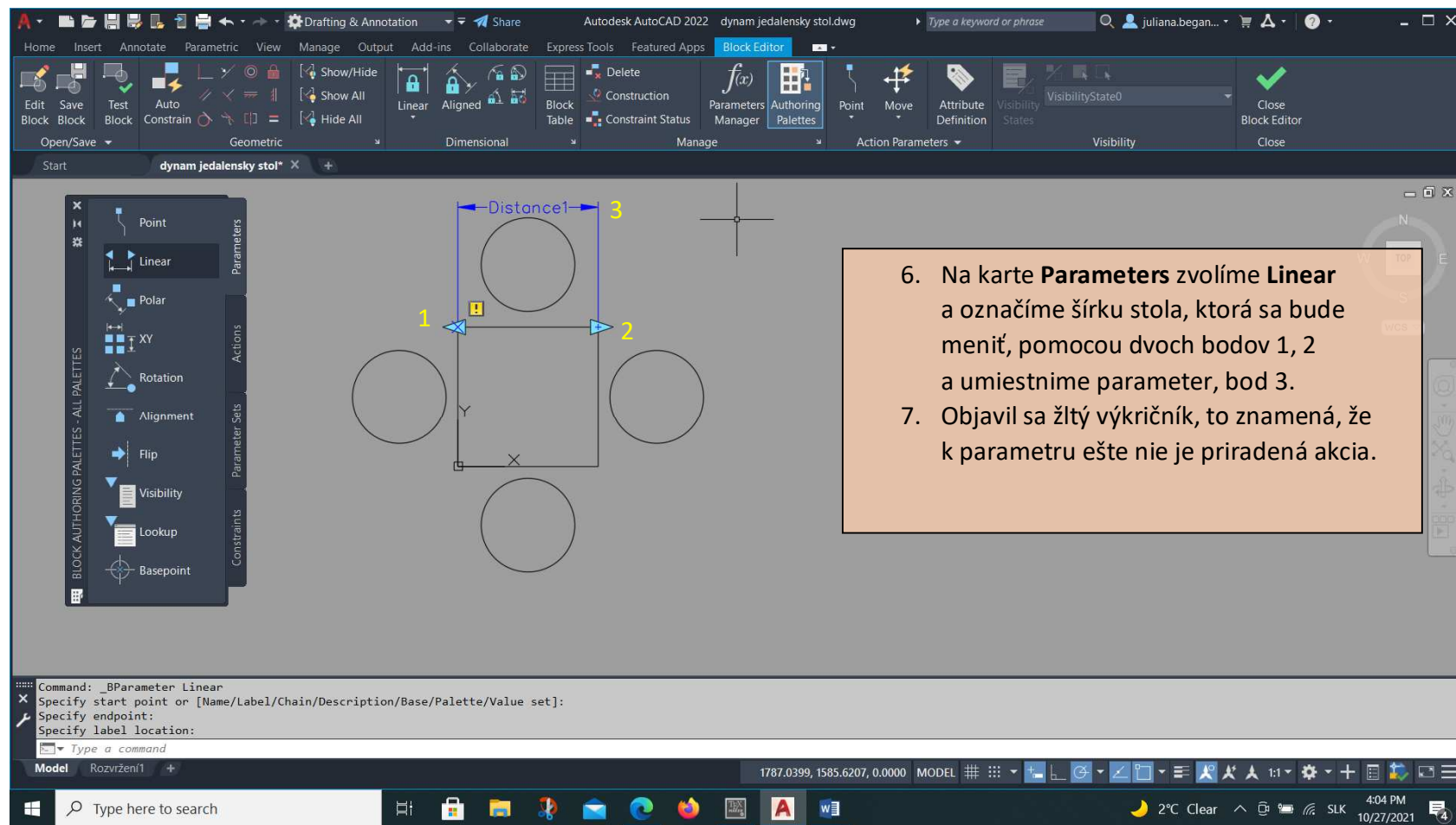
# Dynamický blok Stôl so stoličkami

Práca podporovaná projektom KEGA č. 008STU-4/2020

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27.10.2021







Autodesk AutoCAD 2022 dynam jedalensky stol.dwg

Block Editor

Properties palette for Linear Parameter Distance1:

- Hyperlink
- 3D Visualization: Material ByLayer
- Property Labels: Distance name Distance1, Distance description, Parameter type Linear
- Geometry: Start X 0, Start Y 900, End X 900, End Y 900, Label offset 941.9273, Distance 900, Angle 0
- Value Set: Dist type None, Dist minimum 0, Dist maximum
- Misc: Base location Startpoint, Show Properties Yes, Chain Actions No, Number of Grips 1

Diagram in the background shows a rectangle with a dimension line labeled Distance1. A yellow arrow points from the text box to the 'Number of Grips' property.

Upravíme vlastnosti parametra:

- a) Počet uzlových bodov
- b) zvolíme možnosť pre predlžovanie.

8. Označíme parameter **Distance1** bez príkazu a na palete **PROPERTIES** zmeníme **Number of Grips** na 1

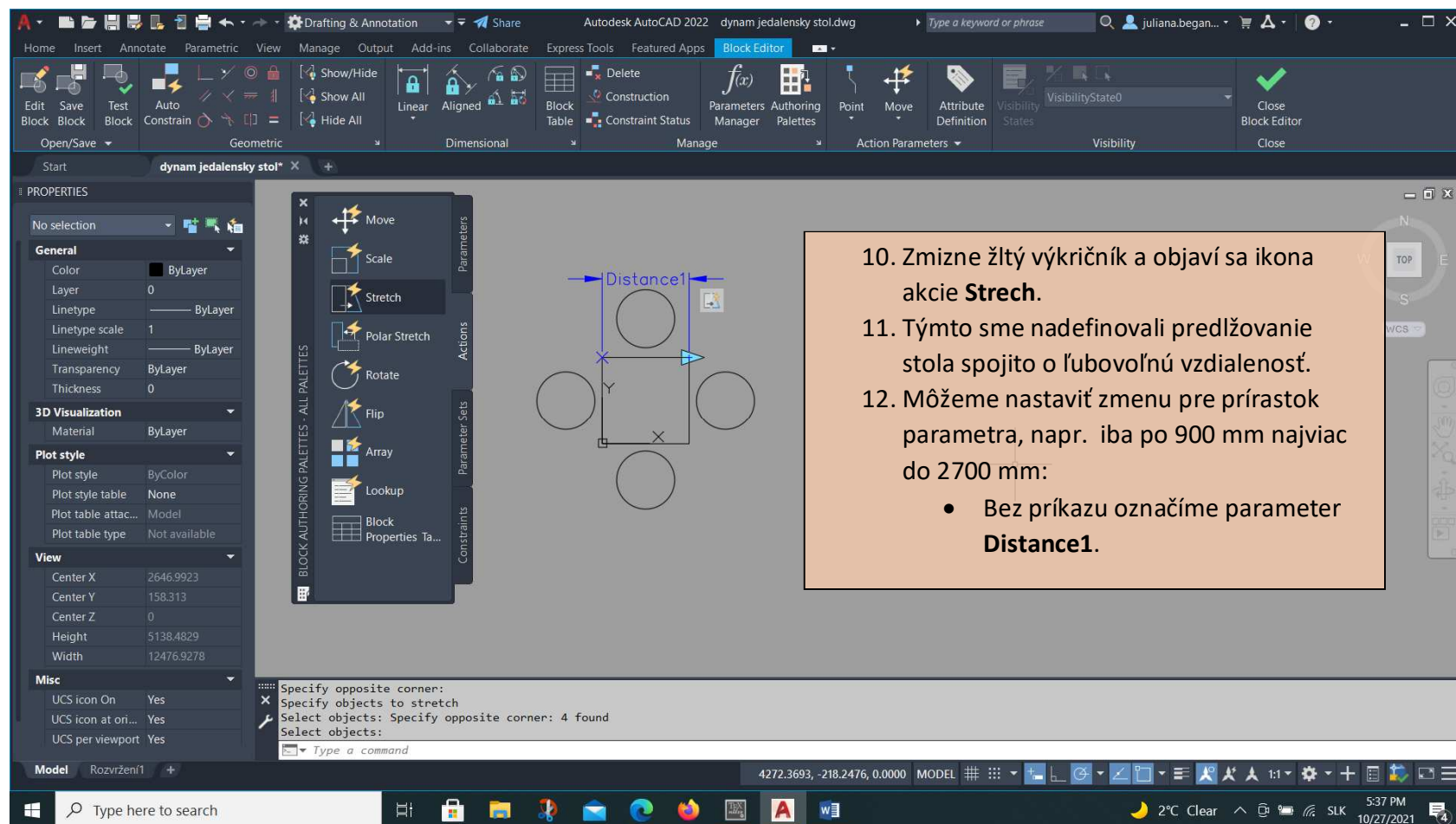
Command: \_bedit Regenerating model.  
Regenerating model.  
Command:



9. Zadefinujeme akciu:

- Na karte **Action** zvolíme **Stretch**.
- Klikneme niekde na parameter **Distance1**, bod 4.
- Označíme bod parametra, bod 5.
- Krížením sprava doľava, body 6,7, vytvoríme rámk predĺženia.
- Krížením sprava doľava vytvoríme rámk výberu objektov, body 8,9.
- Potvrdíme ENTEROM.





The screenshot displays the Autodesk AutoCAD 2022 Block Editor interface. The main workspace shows a diagram of a table with four circular legs. A dimension line labeled 'Distance1' is applied to the distance between two legs, with points 10 and 11 marked. The 'Properties' palette on the left is open, showing the 'Value Set' section for 'Distance1' with the following settings: Dist type: Increment, Dist increment: 900, Dist minimum: 900, and Dist maximum: 2700. The 'Action' palette is also open, showing the 'Array' action. A yellow arrow points from the 'Array' action to the 'Distance1' parameter in the diagram. A text box on the right provides instructions for defining the array and adding the action to the parameter.

Autodesk AutoCAD 2022 dynam jedalensky stol.dwg

Home Insert Annotate Parametric View Manage Output Add-ins Collaborate Express Tools Featured Apps Block Editor

Edit Block Save Block Test Block Auto Constrain Geometric Dimensional Manage Parameters Authoring Palettes Point Move Attribute Definition Visibility States Visibility

Start dynam jedalensky stol

PROPERTIES

Linear Parameter

Hyperlink

3D Visualization

Material ByLayer

Property Labels

Distance name Distance1

Distance descri...

Parameter type Linear

Geometry

Start X 0

Start Y 900

End X 900

End Y 900

Label offset 812.0685

Distance 900

Angle 0

Value Set

Dist type Increment

Dist increment 900

Dist minimum 900

Dist maximum 2700

Misc

Base location Startpoint

Show Properties Yes

Chain Actions No

Number of Gains 1

Block Authoring Palettes - ALL PALETTES

Move Scale Stretch Polar Stretch Rotate Flip Array Lookup Block Properties Table

Parameters Actions Parameter Sets Constraints

Distance1

10

11

13. Zadefinujeme pribúdanie stoličiek pridaním ďalšej akcie k parametru:

- Na palete **Properties** zmeníme **Value Set**:  
Dist type: Increment  
Dist increment: 900  
Dist minimum: 900  
Dist maximum: 2700
- Na karte **Action** zvolíme **Array**.
- Kliknutím označíme parameter **Distance1**.
- Kliknutím označíme kružnice, body 10,11. Výber potvrdíme ENTEROM.

Command:  
Command:  
Command:  
Type a command

Model Rozvržení1

-3587.5456, -1536.2096, 0.0000 MODEL #

Type here to search

2°C Clear 6:40 PM 10/27/2021



