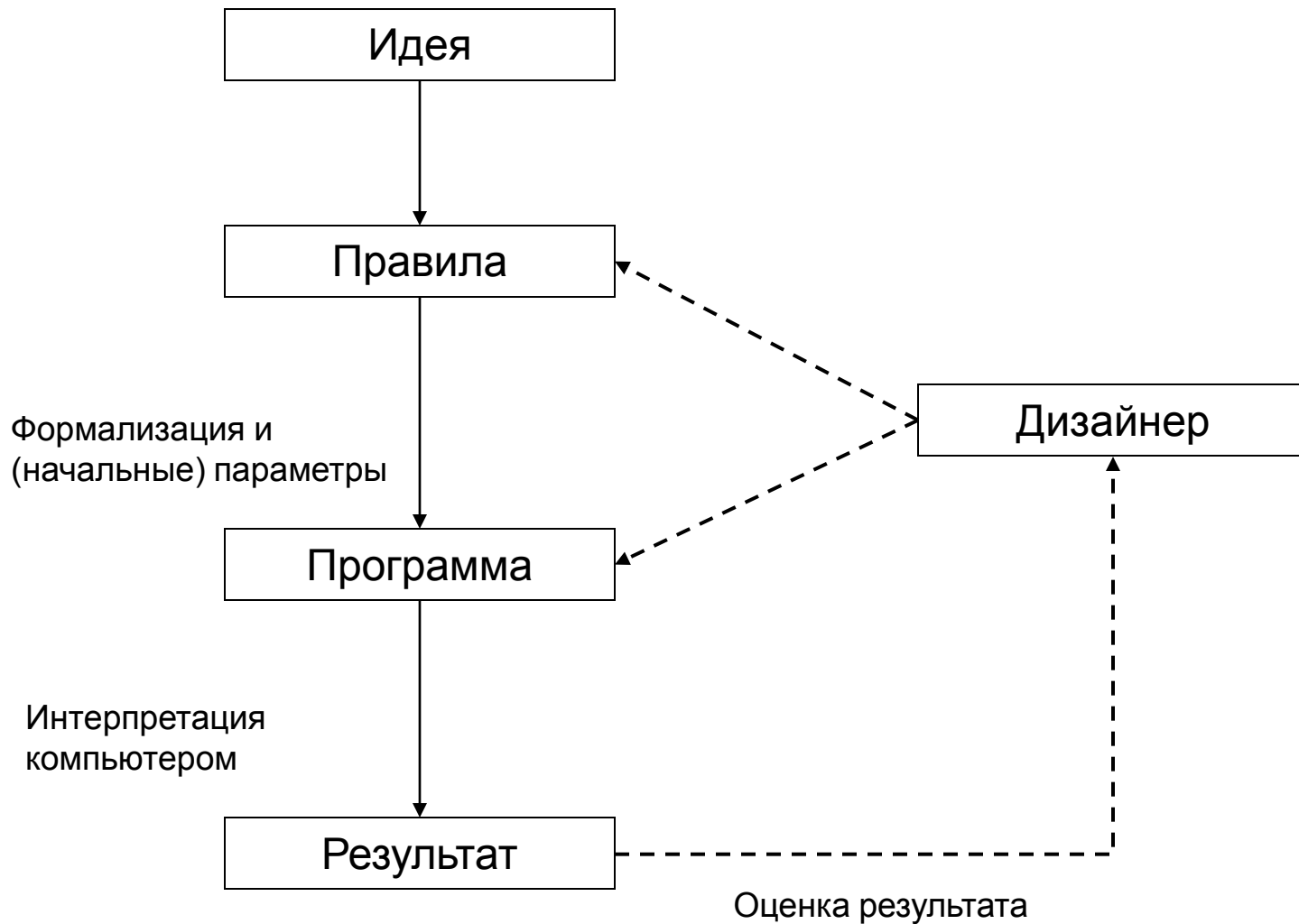


Автоматизированный дизайн (Generative design)

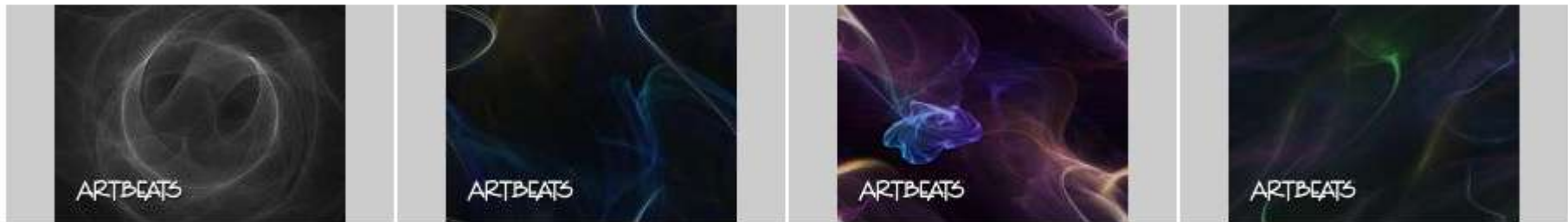




DRM101	14:00	DRM102	10:10	DRM103	14:00	DRM104	16:29
Artbeats		Artbeats		Artbeats		Artbeats	
Add to: Cart Bin		Add to: Cart Bin		Add to: Cart Bin		Add to: Cart Bin	



DRM105	16:29	DRM106	08:00	DRM107	08:00	DRM108	10:10
Artbeats		Artbeats		Artbeats		Artbeats	
Add to: Cart Bin		Add to: Cart Bin		Add to: Cart Bin		Add to: Cart Bin	



DRM109	07:15	DRM110	08:15	DRM111	18:20	DRM112	15:00
Artbeats		Artbeats		Artbeats		Artbeats	
Add to: Cart Bin		Add to: Cart Bin		Add to: Cart Bin		Add to: Cart Bin	



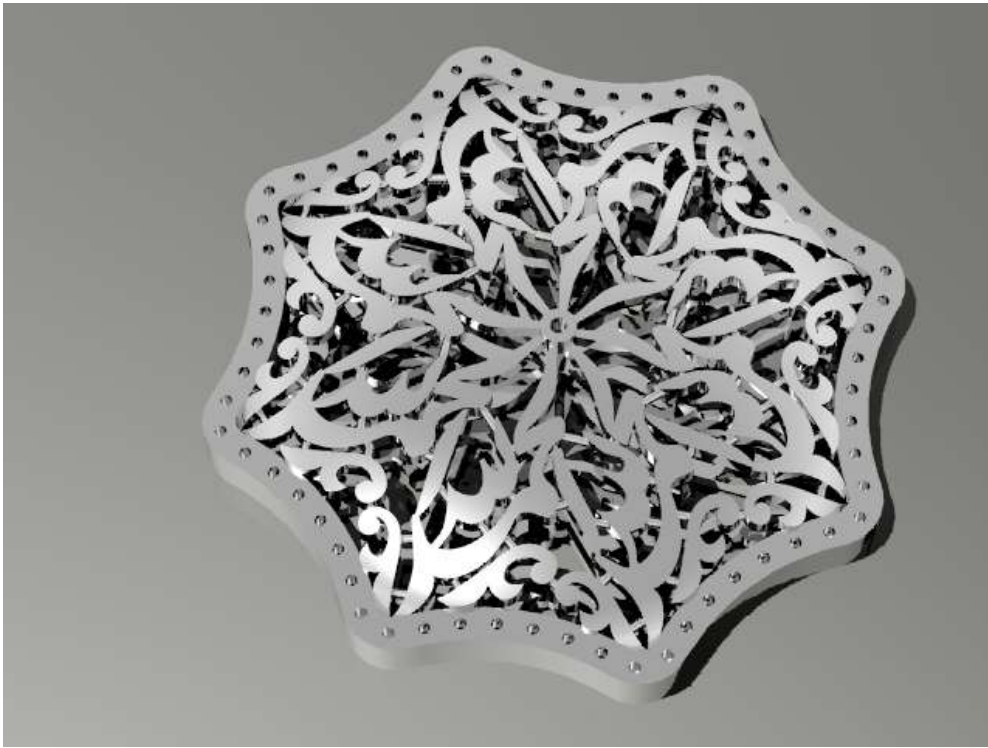
DRM113	15:00	DRM114	10:20	DRM115	07:00	DRM116	07:15





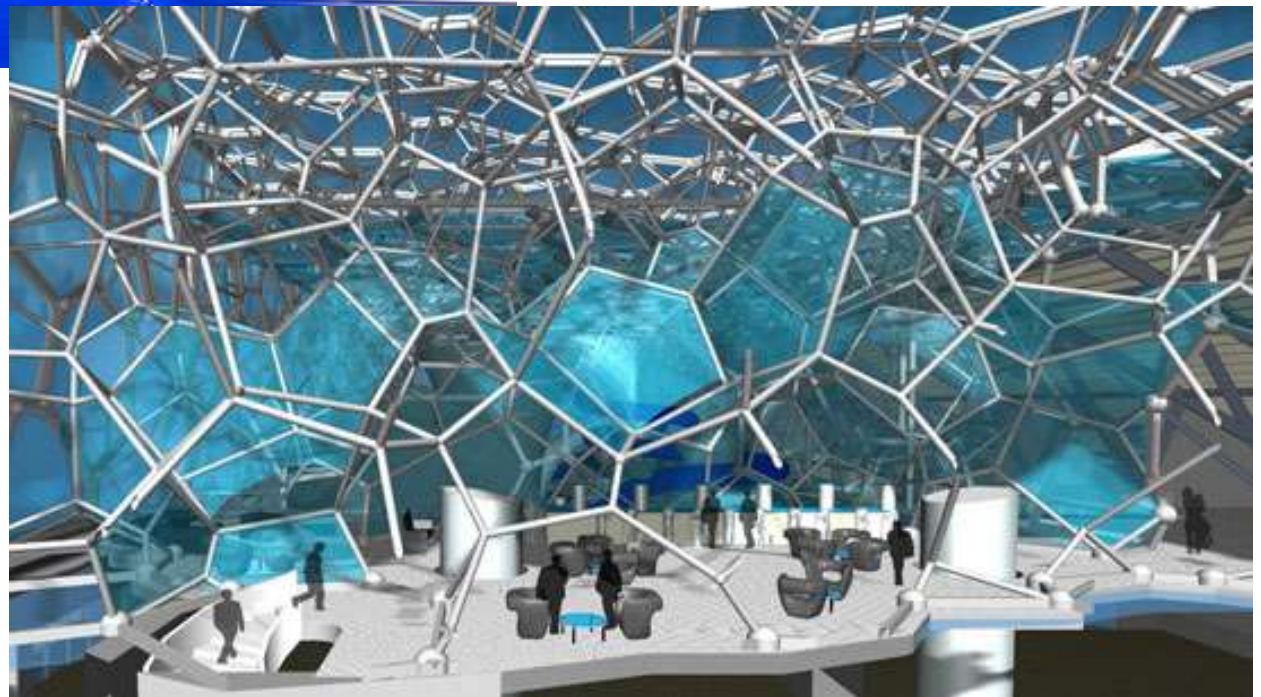


Rhino 3D + Grasshopper



Nervous System







Shigeto Maeda - GMP

AutoMorph

The screenshot displays the SolidWorks interface with the AutoMorph panel open on the right. The central 3D model is a green, dome-shaped part with a grey base. Dimensions are shown as follows:

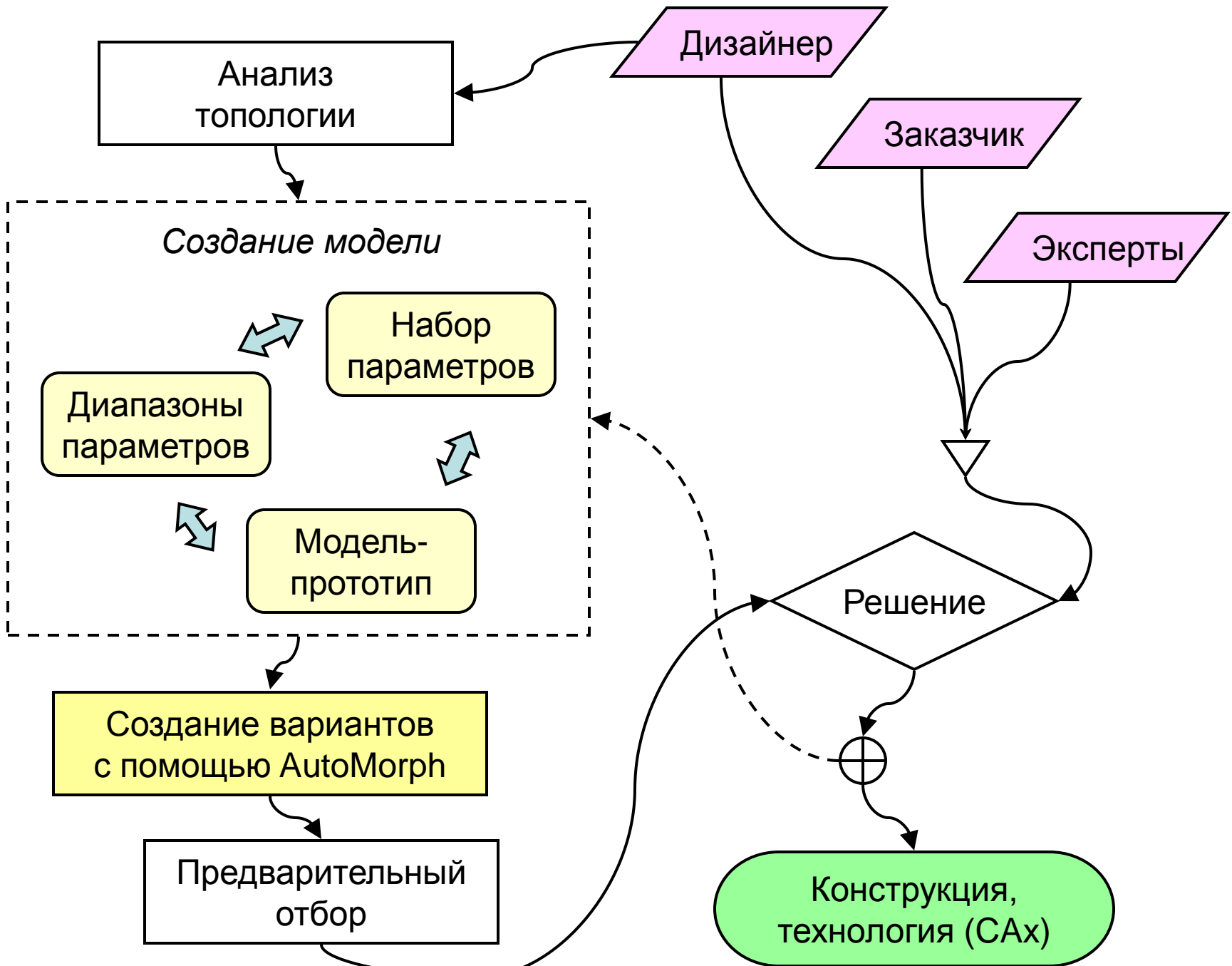
- Top dome height: 14
- Top dome diameter: 50
- Base diameter: 61
- Base height: 49
- Bottom section diameter: 50
- Bottom section height: 24
- Internal vertical dimension: 87

The AutoMorph panel on the right contains the following table:

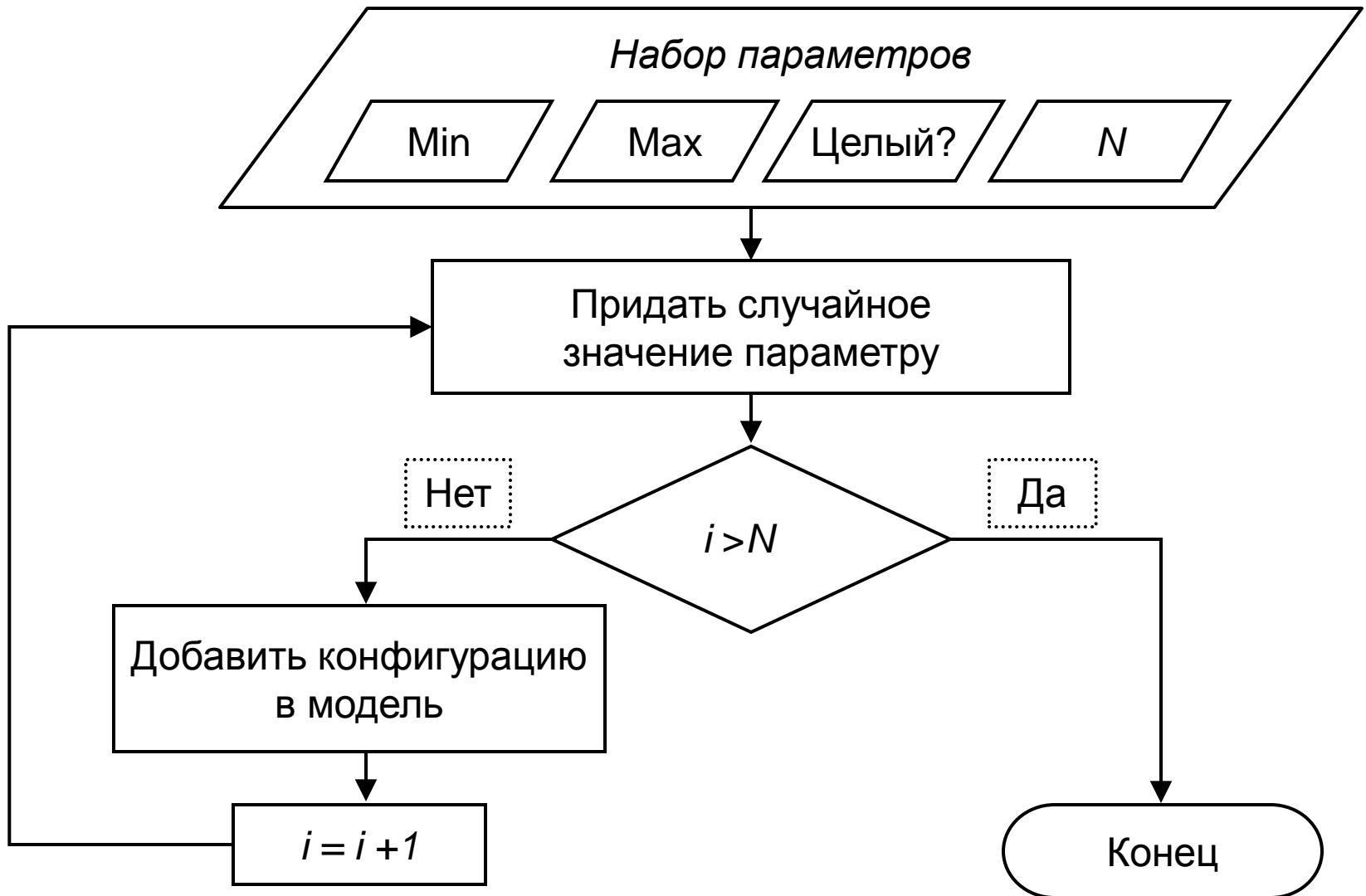
Параметр	Мин.	Макс.	Цел
D2@Sketch11	3	6	<input checked="" type="checkbox"/>
D1@Sketch11	45	55	<input checked="" type="checkbox"/>
D6@Bottom_cut	45	55	<input checked="" type="checkbox"/>
D3@Bottom_cut	100	125	<input checked="" type="checkbox"/>
D1@Bottom_cut	18	24	<input checked="" type="checkbox"/>
F_bottom_curva...	33	37	<input checked="" type="checkbox"/>
F_top_curvatur...	33	37	<input checked="" type="checkbox"/>
T_bot_curv@S...	8	12	<input checked="" type="checkbox"/>
T_top_curv@S...	18	24	<input checked="" type="checkbox"/>
D6@F_SKETCH	12	16	<input checked="" type="checkbox"/>

Below the table are buttons: "Добавить", "Удалить", and "Удалить все". There is also a checkbox for "Авто захват" (Auto capture) which is currently unchecked. The "Базовое имя конфигурации" (Base configuration name) is set to "automorph_cfg". The "Количество" (Quantity) is set to "50". A "Генерировать конфигурации" (Generate configurations) button is at the bottom.

The SolidWorks interface shows the "Surfaces" tab selected in the top ribbon. The left-hand Feature Tree lists various features, with "F_SKETCH" highlighted. The bottom status bar indicates "Editing Part".



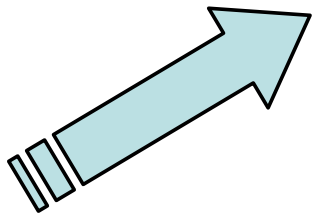
Алгоритм работы AutoMorph



Эскизы



Прототип



Результаты генерирования

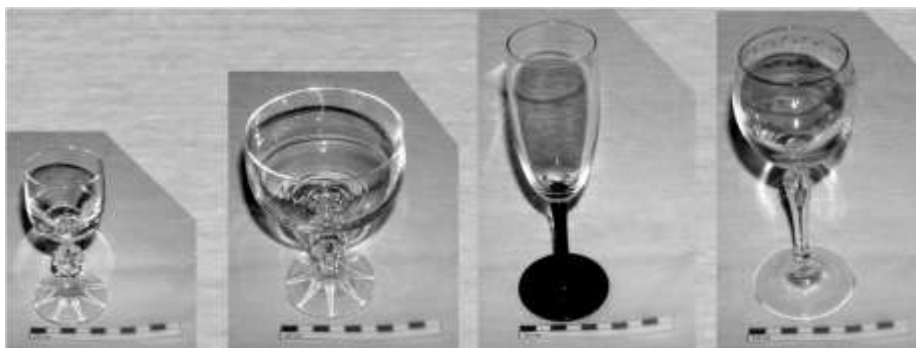
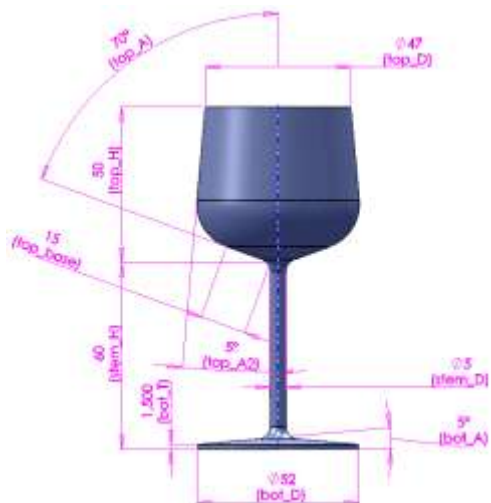


Автоматизированное формообразование флакона для парфюмерии



Автоматизированное формообразование полиэтиленовой бутылки

Прототип



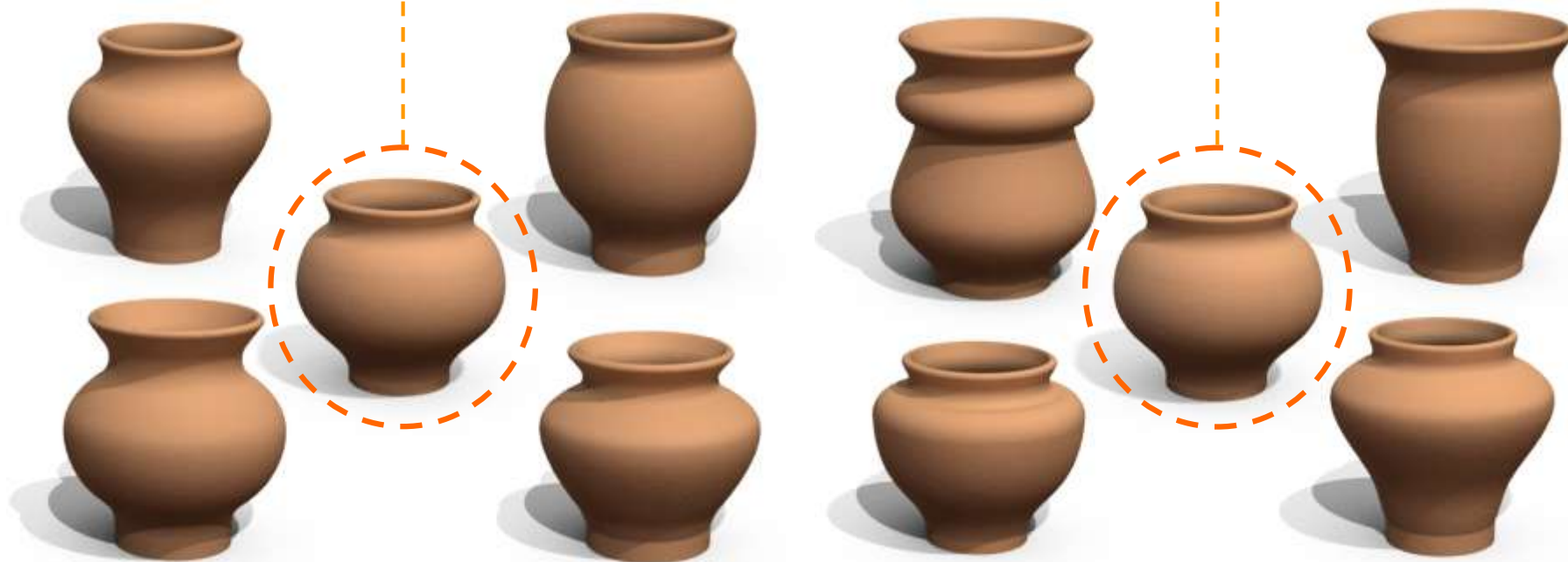
Исходные модели



Результаты генерирования

Автоматизированный дизайн изделия из стекла

Исходная модель



Автоматизированный дизайн керамического изделия

