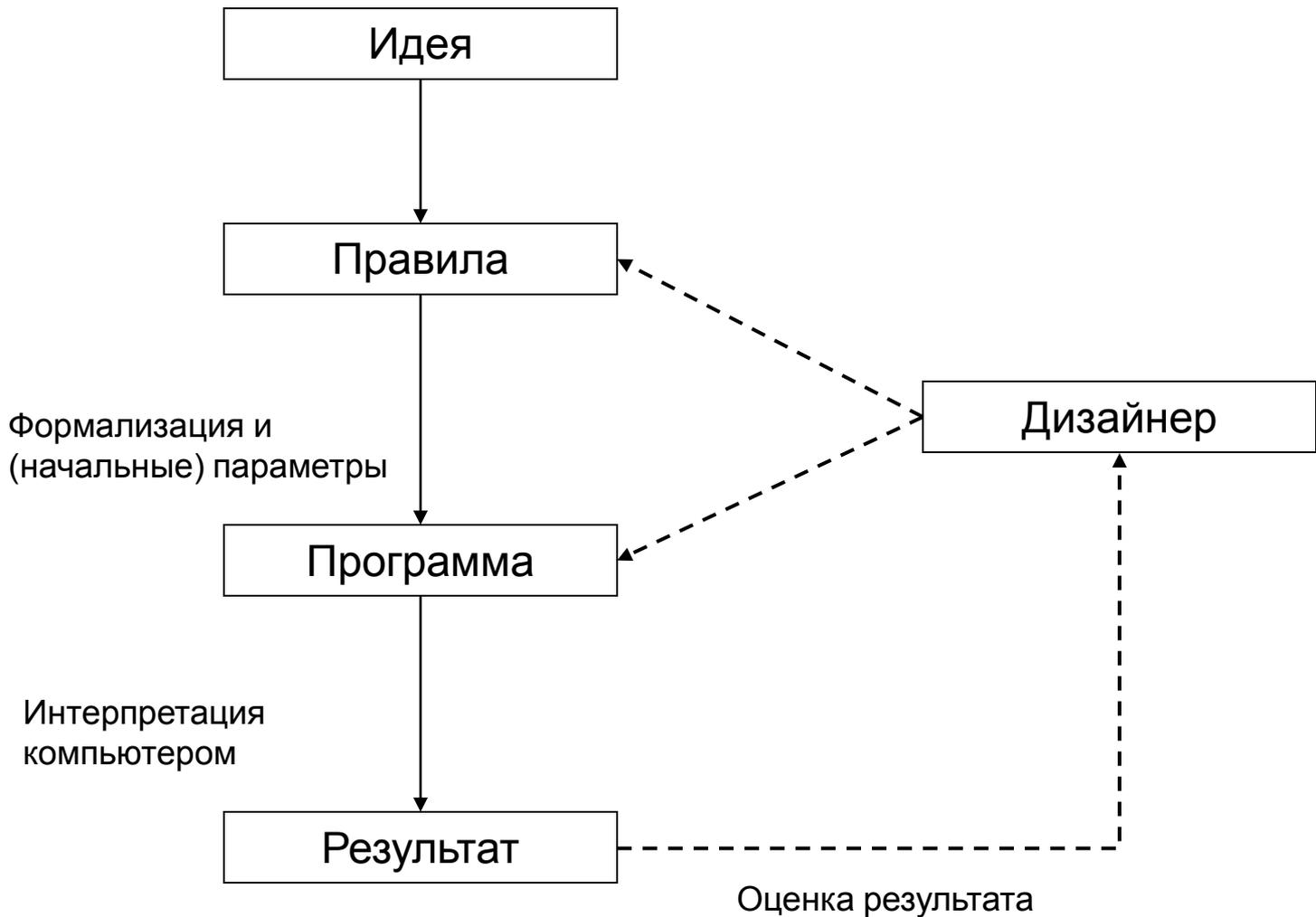
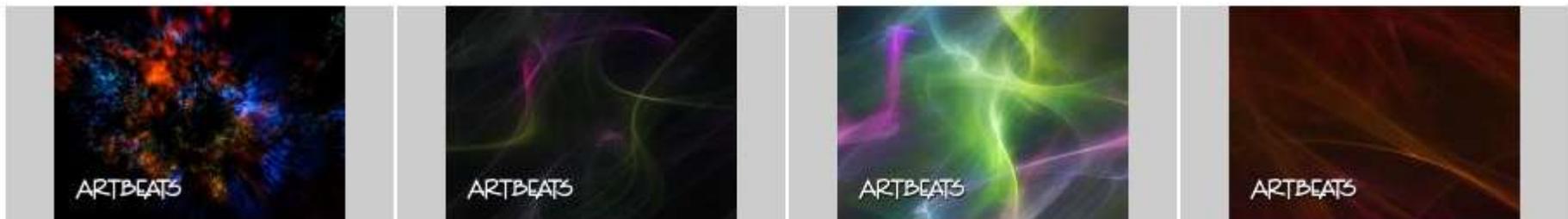
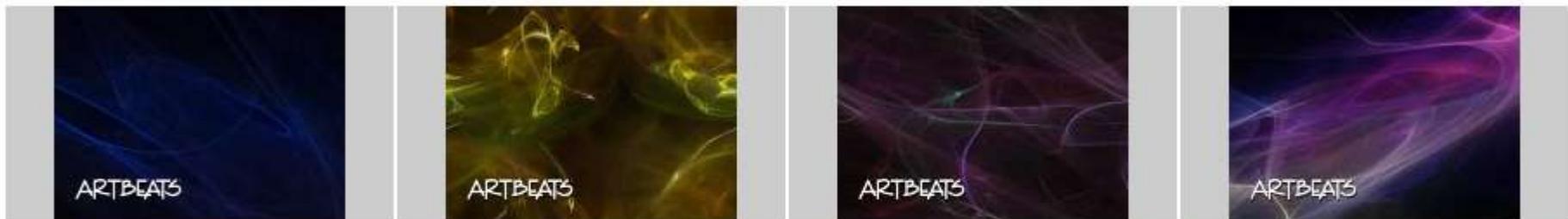


Автоматизированный дизайн (Generative design)

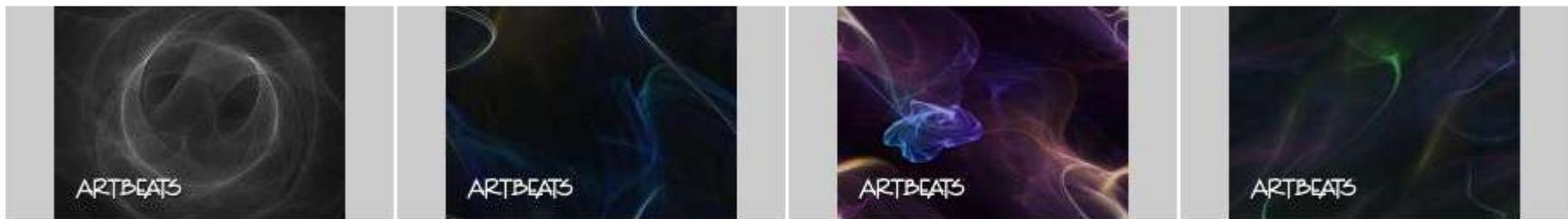




| | | | | | | | |
|--|-------|--|-------|--|-------|--|-------|
| DRM101 | 14:00 | DRM102 | 10:10 | DRM103 | 14:00 | DRM104 | 16:29 |
| Artbeats | | Artbeats | | Artbeats | | Artbeats | |
| Add to: Cart Bin | | Add to: Cart Bin | | Add to: Cart Bin | | Add to: Cart Bin | |



| | | | | | | | |
|--|-------|--|-------|--|-------|--|-------|
| 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 | |



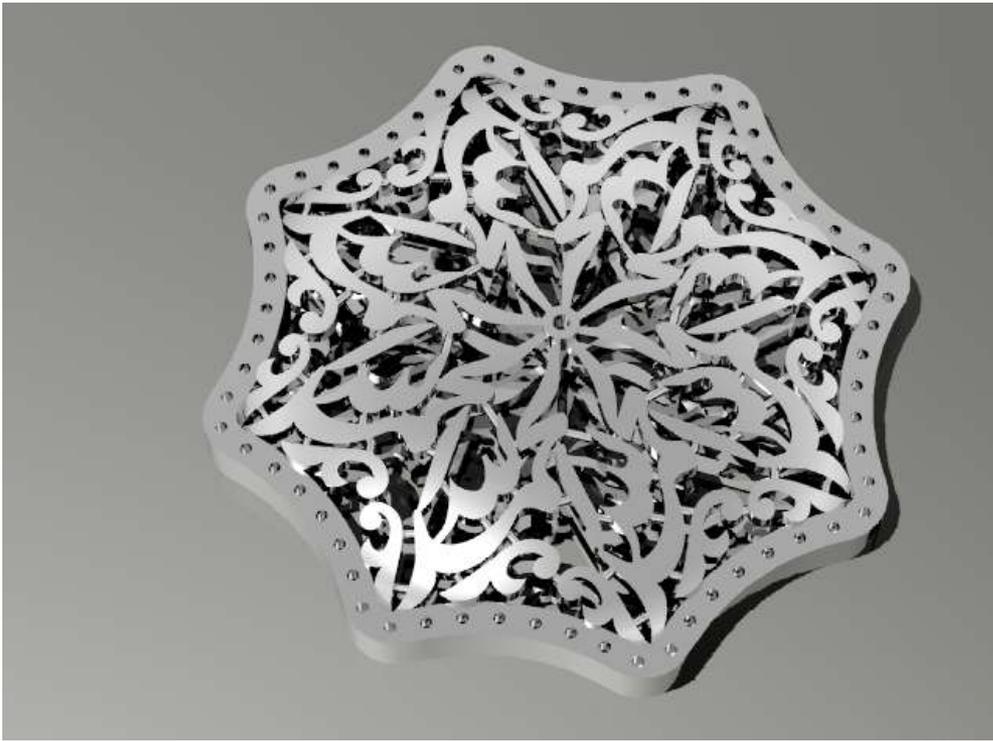
| | | | | | | | |
|--------|-------|--------|-------|--------|-------|--------|-------|
| DRM113 | 15:00 | DRM114 | 10:20 | DRM115 | 07:00 | DRM116 | 07:15 |
| | | | | | | | |





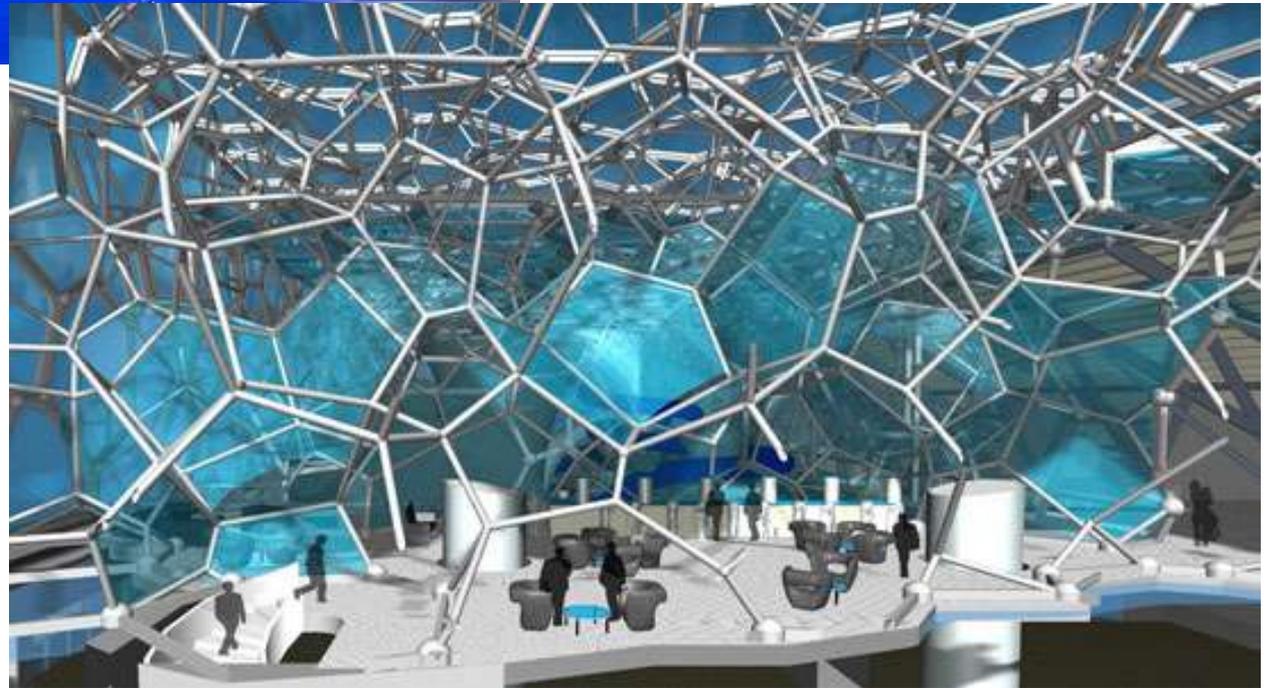


Rhino 3D + Grasshopper



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, rounded object with a central vertical axis and a horizontal cross-section. Dimensions are indicated with black lines and numbers: 14 (top height), 50 (top width), 87 (total height), 61 (middle width), 49 (bottom height), and 24 (bottom width). A 50 dimension is also shown for a lower width. The AutoMorph panel on the right contains a table of parameters and their ranges.

AutoMorph panel

Список:

| 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"/> |

Добавить Удалить Удалить все

Авто захват

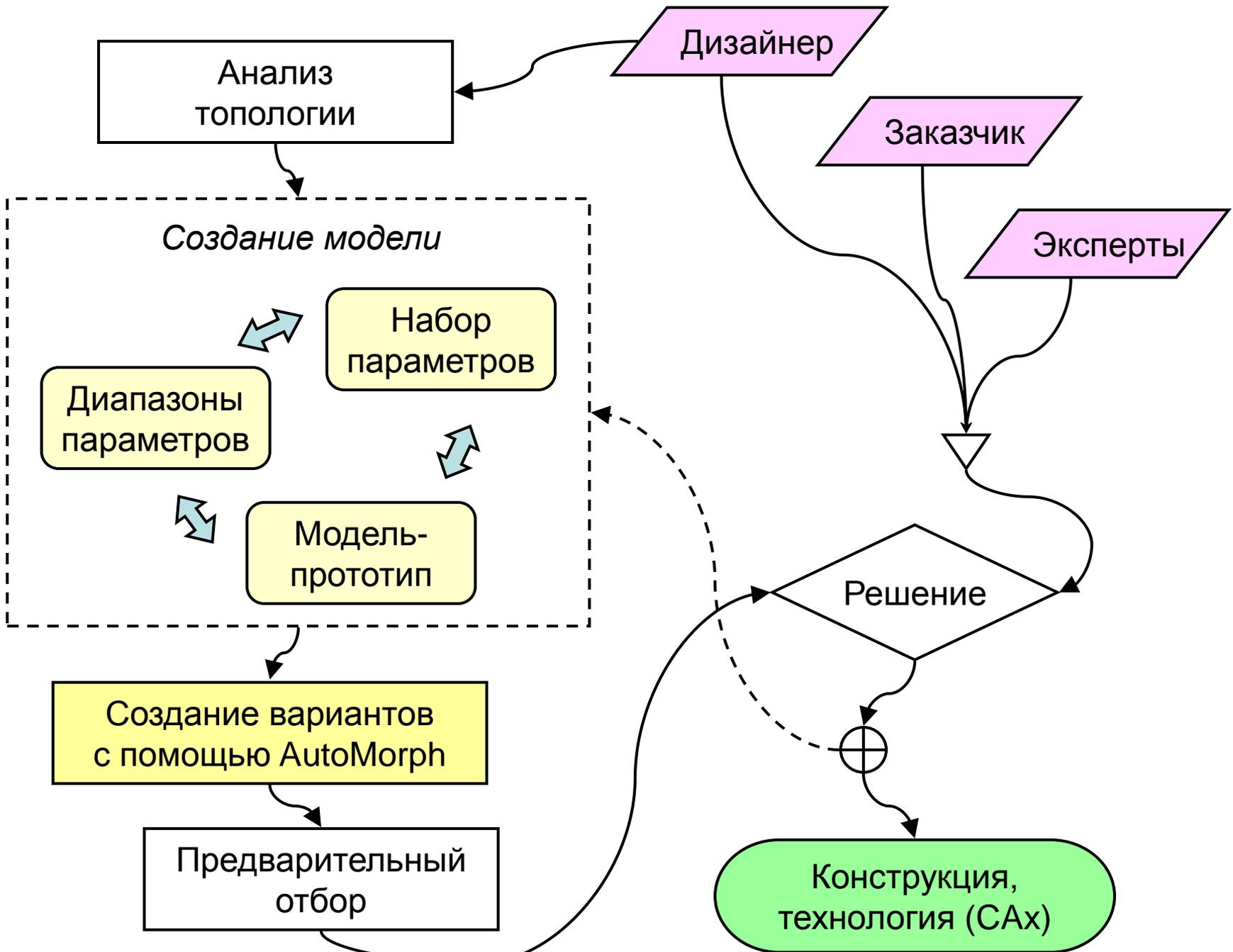
Базовое имя конфигурации
automorph_cfg

Количество
50

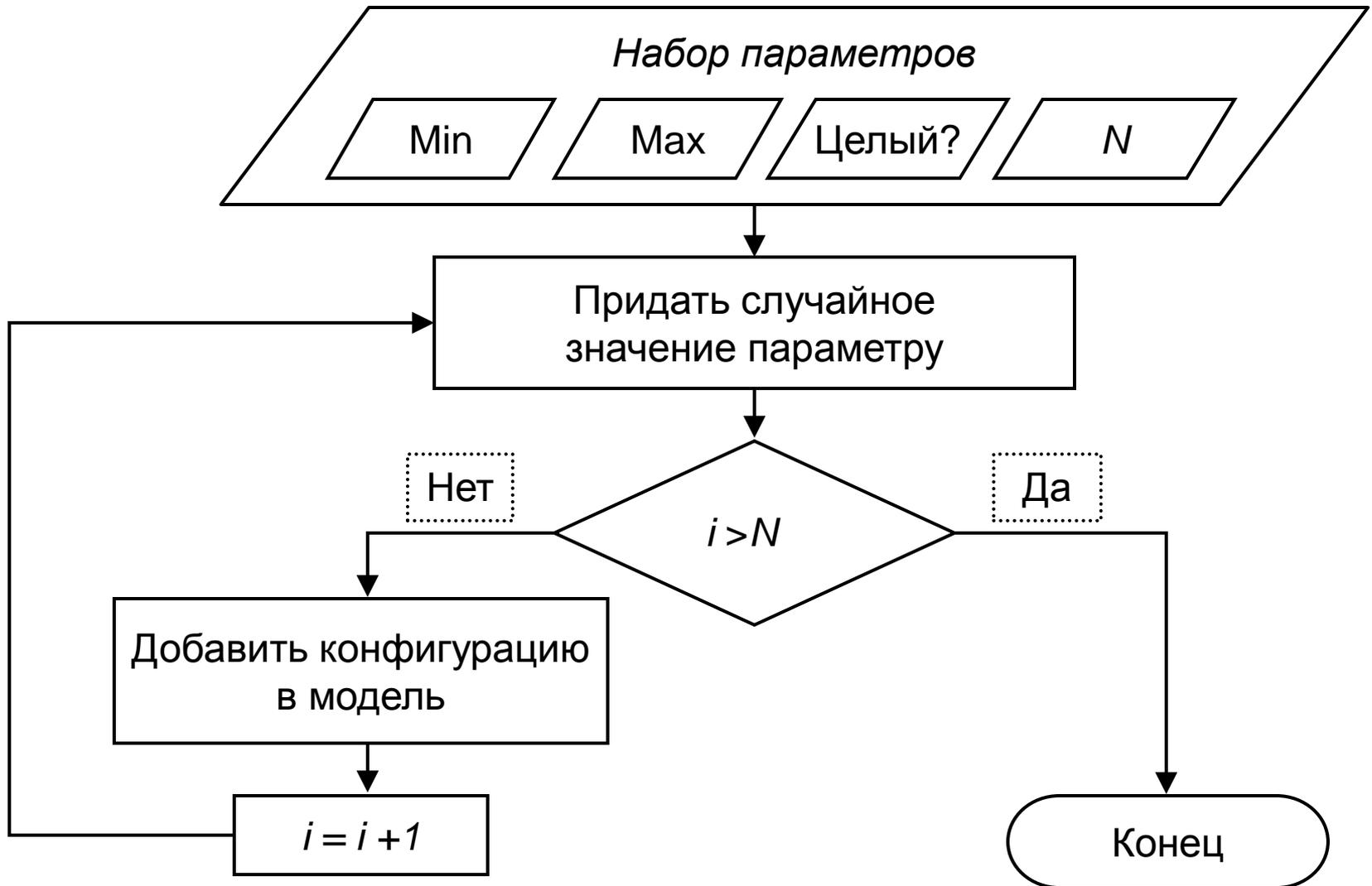
Генерировать конфигурации

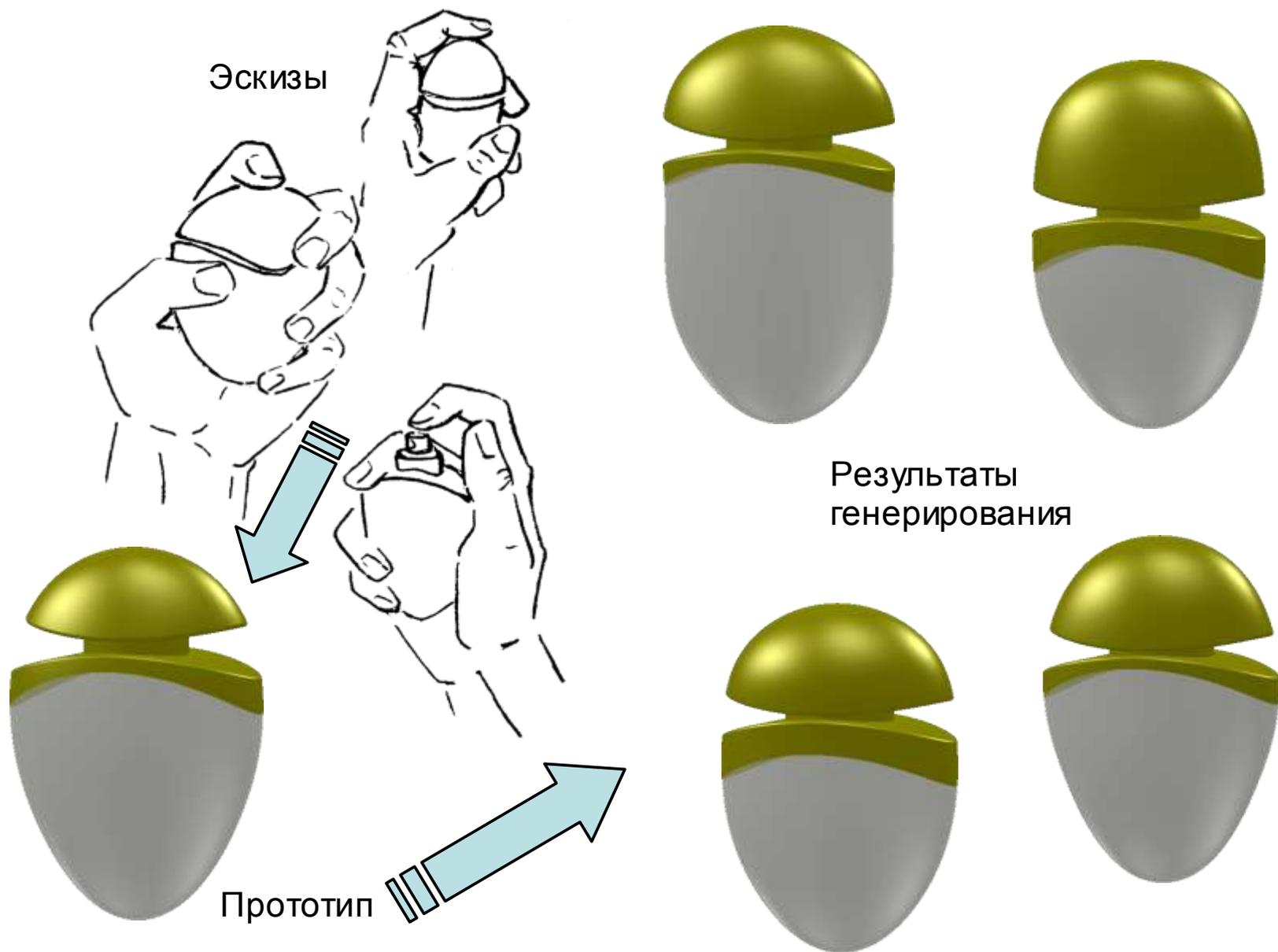
Model Motion Study 1

SolidWorks Premium 2010 x64 Edition Editing Part



Алгоритм работы AutoMorph



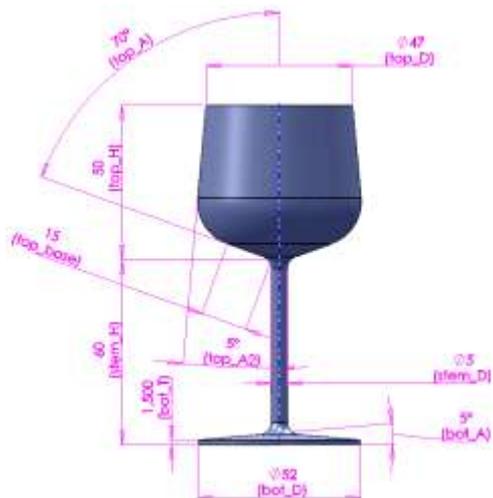
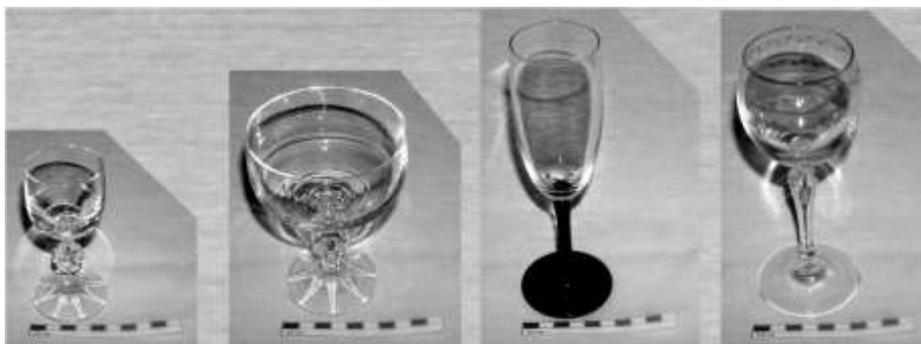


Автоматизированное формообразование флакона для парфюмерии



Автоматизированное формообразование полиэтиленовой бутылки

Прототип



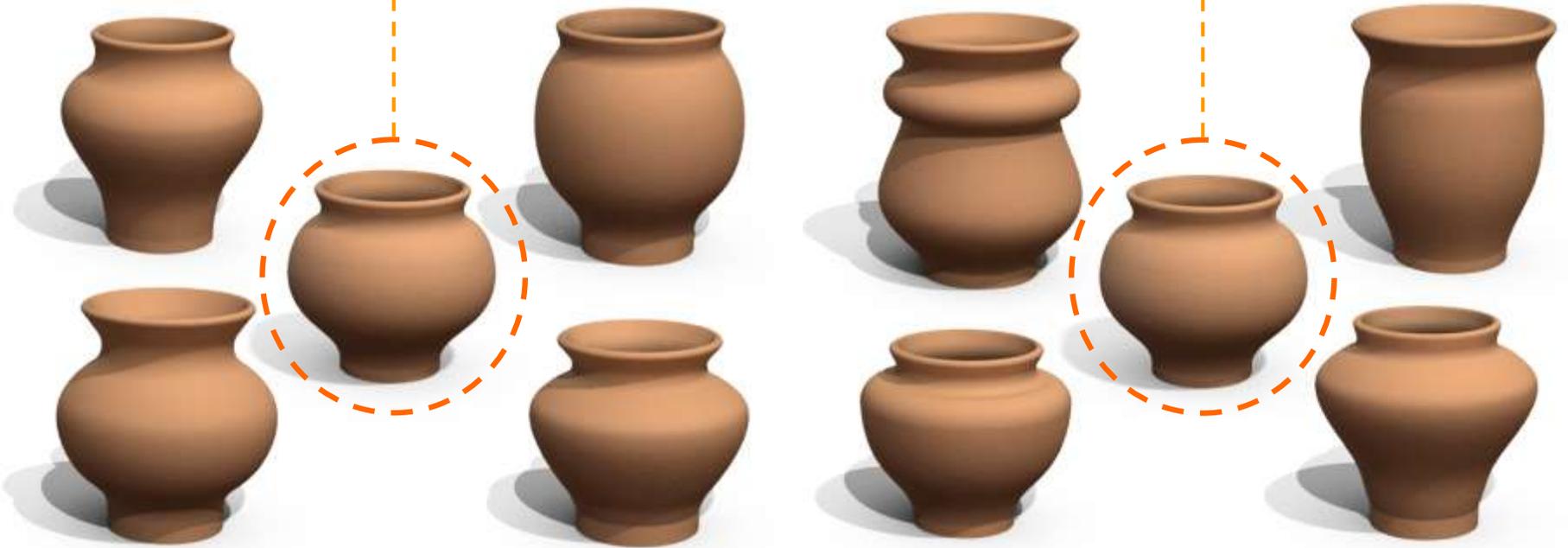
Исходные модели



Результаты генерирования

Автоматизированный дизайн изделия из стекла

Исходная модель



Автоматизированный дизайн керамического изделия

