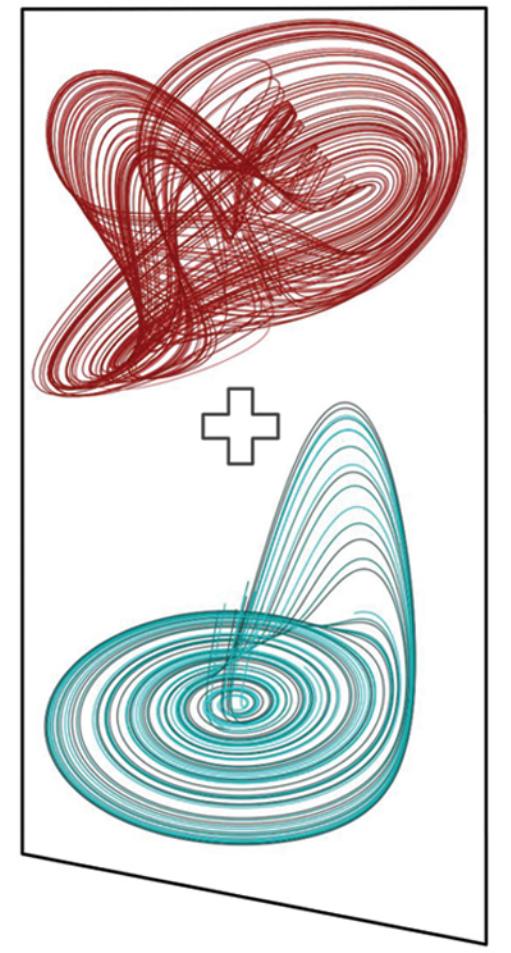


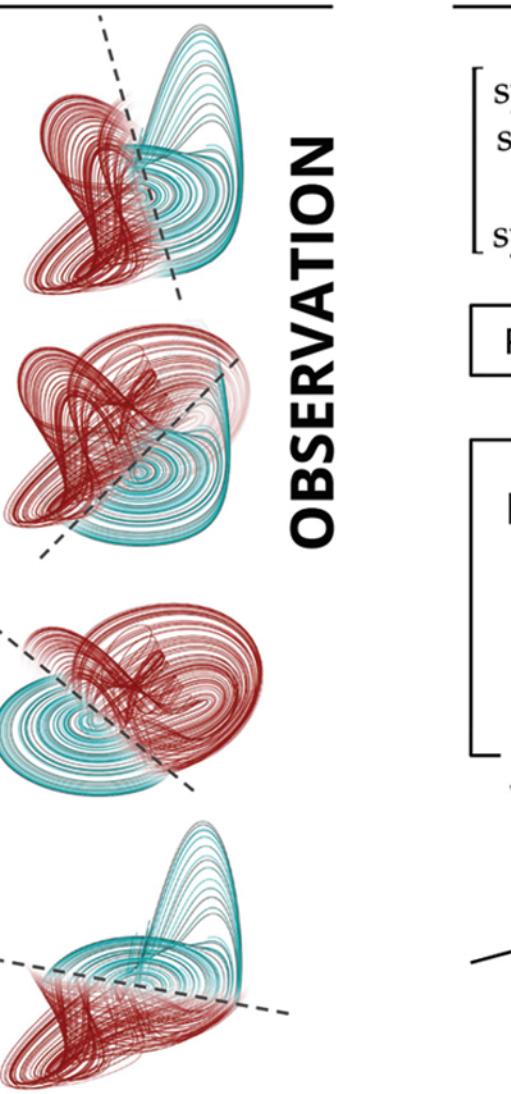
Continuous Merging of Strange Attractors

Ozgur Gulsuna

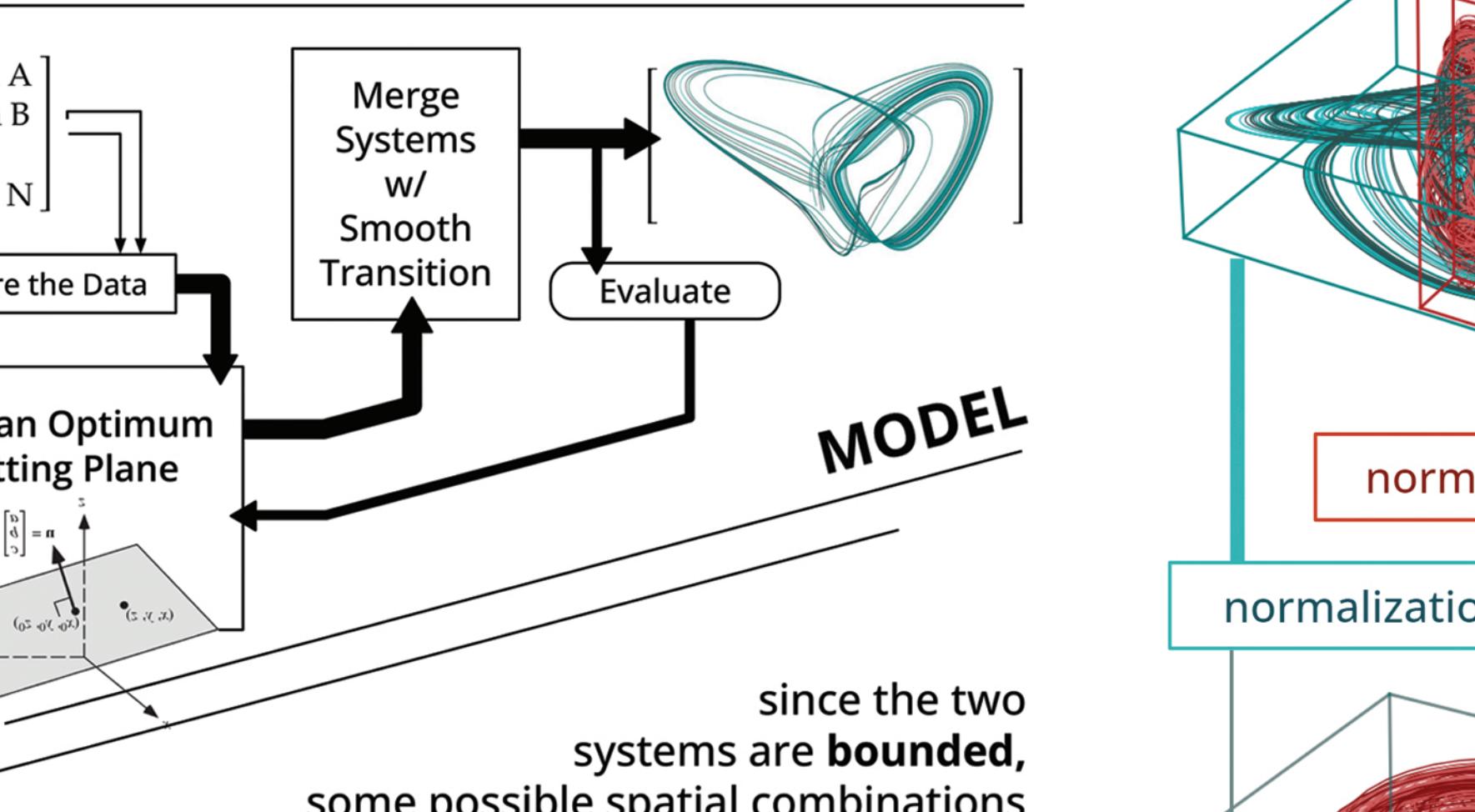
BS723 | Machine Learning Applications in Architecture
Arzu Gönenç Sorguç | Müge Kruşa Yemişcioğlu | Ozan Yetkin | Şevval Çoloğlu



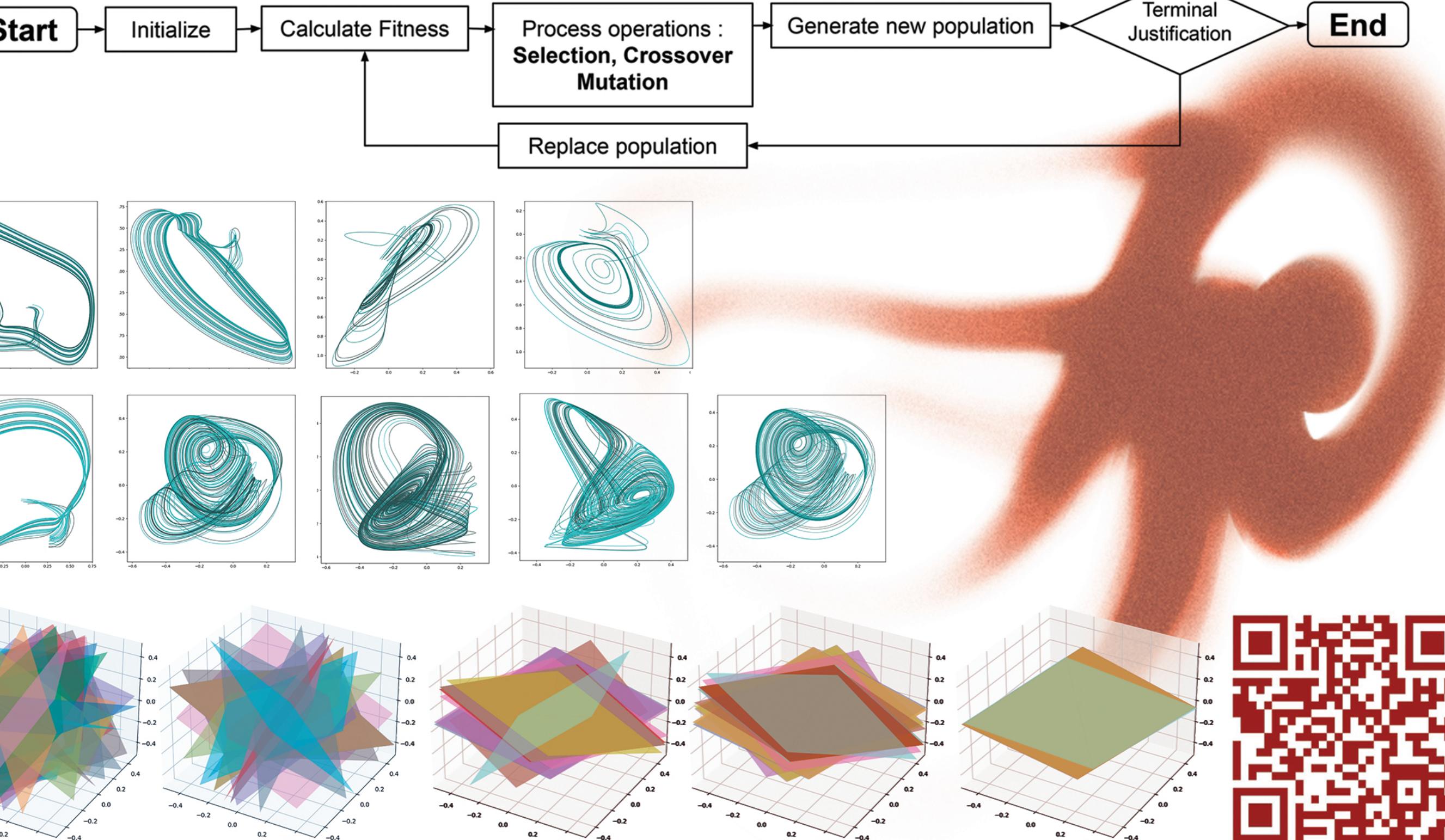
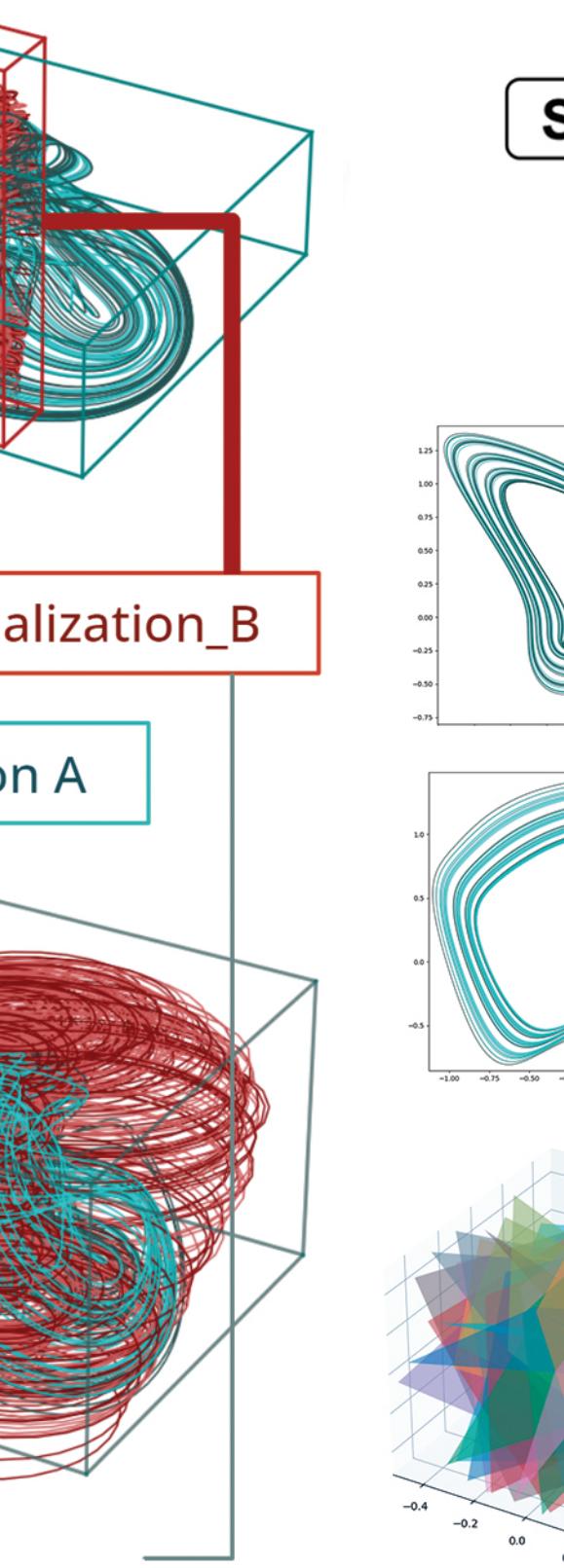
MATERIAL



OBSERVATION



since the two
systems are **bounded**,
some possible spatial combinations
can also be bounded, and perhaps **chaotic**.



FORM

Find/Create a new system

Find: Exploration in vast possibilities
Create: Combining systems together

```
=====
model_A: Halvorsen(name='Halvorsen', params={'a': 1.4, 'b': 4}
model_B: Rossler(name='Rossler', params={'a': 0.2, 'b': 0.2, 'c': 5.7}
plane_parameters: a = 0.34671355487543265 b = -0.5963432981927279
other_parameters: t = 8.0, dt = 0.01, smooth = True, saved = True
initial_conditions: x0= -0.007608984751638848 y0= -0.002343823420906346
initial_conditions: x1= -0.04921178401317458 y1= -0.004301358244412169
initial_conditions: x2= 0.008512046293275066 y2= -0.04933419049993222
date_created: 2023-07-06 07:34:43.448197
uid: 20230706073443
lyapunov_exponent: 0.6037045185378466
=====
```

