

SUMMARY OF FORMULATION LOGIC FOR AATRIZINVENTOR SOLUTION

Work Paper

If you applied summary or abbreviated descriptions, have them available to review this logic.

Objective of the Innovation Challenge

Improve Survival of sea squirt larva affected by lack of food headfirst on a rock in the sea

Evaluated Object S1

LARVA - Type: Stationary

Object S2 interacting with S1

SEAWATER - Type: Moving

Physical Variable or Characteristic

Survivability

the undesirable

With Less Survivability there is undesirable effects, then there is More difficulty to :

Improve Survival of sea squirt larva affected by lack of food headfirst on a rock in the sea

the desirable

With More Survivability there is desirable effect, then there is More ease to :

Improve Survival of sea squirt larva affected by lack of food headfirst on a rock in the sea

TRIZ Innovation Parameters Evaluated

TRIZ Innovation Parameters	Undesirable Effect (UDE)/ Desirable Effect (DE)	Evaluate
2. Heaviness of stationary object	<p>LARVA : There is More difficulty to Improve Survival of sea squirt larva affected by lack of food headfirst on a rock in the sea because there is More Heaviness to get food from seawater, settled on a rock</p> <p>Effect : undesirable</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
12. Shape / composition / configuration	<p>LARVA : There is More difficulty to Improve Survival of sea squirt larva affected by lack of food headfirst on a rock in the sea because there is Less Appropriate way to obtain food in seawater</p> <p>Effect : undesirable</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
24. Loss of Information	<p>LARVA : There is More difficulty to Improve Survival of sea squirt larva affected by lack of food headfirst on a rock in the sea because there is More Loss of food information in seawater</p> <p>Effect : undesirable</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
35. Adaptability or versatility	<p>LARVA : There is More difficulty to Improve Survival of sea squirt larva affected by lack of food headfirst on a rock in the sea because there is Less Adaptability to variability of food content in seawater</p> <p>Effect : undesirable</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
37. Difficulty of detecting and measuring	<p>LARVA : There is More difficulty to Improve Survival of sea squirt larva affected by lack of food headfirst on a rock in the sea because there is More Difficulty to detecting food in seawater</p> <p>Effect : undesirable</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
34. Ease of change, repair or maintain	<p>LARVA : There is More ease to Improve Survival of sea squirt larva affected by lack of food headfirst on a rock in the sea because there is More Ease to change the survival conditions of the larva</p> <p>Effect : desirable</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No