

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 telegraphic transmission affected by the complexity of the communication process

Evaluated Object S1

TELEGRAPHIC TRANSMISSION SYSTEM - Type: Stationary

Object S2 interacting with S1

SENDER'S MESSAGE - Type: Moving

Physical Variable or Characteristic

Quality and opportunity in transmission

the undesirable

With Less Quality and opportunity in transmission there is undesirable effects, then there is
More difficulty to :

Improve telegraphic transmission affected by the complexity of the communication process

the desirable

With More Quality and opportunity in transmission there is desirable effect, then there is More
ease to :

Improve telegraphic transmission affected by the complexity of the communication process

TRIZ Innovation Parameters Evaluated

TRIZ Innovation Parameters	Undesirable Effect (UDE)/ Desirable Effect (DE)	Evaluate
2. Heaviness of stationary object	<p>TELEGRAPHIC TRANSMISSION SYSTEM : There is More difficulty to Improve telegraphic transmission affected by the complexity of the communication process because there is More Heaviness of transmission of the sender's message due to the dependence on a code to transmit</p> <p>Effect : undesirable</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
9. Speed	<p>TELEGRAPHIC TRANSMISSION SYSTEM : There is More difficulty to Improve telegraphic transmission affected by the complexity of the communication process because there is Less Speed of transmission of the sender's message to reach the receiver</p> <p>Effect : undesirable</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
12. Shape / composition / configuration	<p>TELEGRAPHIC TRANSMISSION SYSTEM : There is More difficulty to Improve telegraphic transmission affected by the complexity of the communication process because there is Less Appropriate form of transmission of the sender's message</p> <p>Effect : undesirable</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
35. Adaptability or versatility	<p>TELEGRAPHIC TRANSMISSION SYSTEM : There is More difficulty to Improve telegraphic transmission affected by the complexity of the communication process because there is Less Adaptability to variability of sender's communication needs to transmit</p> <p>Effect : undesirable</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
36. Complexity of Device/ Action	<p>TELEGRAPHIC TRANSMISSION SYSTEM : There is More difficulty to Improve telegraphic transmission affected by the complexity of the communication process because there is More Complexity of operation due to the diversity of elements and/or actions to carry out the transmission of the sender's message</p> <p>Effect : undesirable</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No

TRIZ Innovation Parameters	Undesirable Effect (UDE)/ Desirable Effect (DE)	Evaluate
34. Ease of change, repair or maintain	<p>TELEGRAPHIC TRANSMISSION SYSTEM : There is More ease to Improve telegraphic transmission affected by the complexity of the communication process because there is More Ease of changing transmission conditions of the sender's message</p> <p>Effect : desirable</p>	<div data-bbox="1360 216 1474 304" style="border: 1px solid orange; padding: 5px; text-align: center;">Yes</div> <div data-bbox="1360 304 1474 394" style="border: 1px solid orange; padding: 5px; text-align: center;">No</div>