

h
 W h^R h R



h
 R W

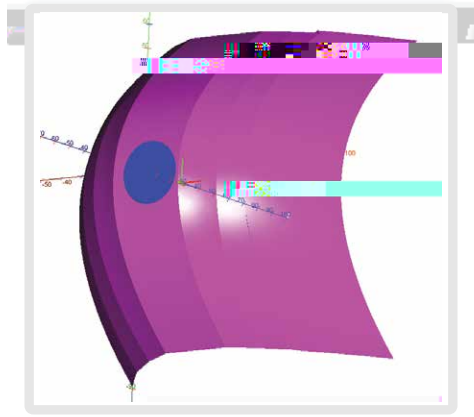
Let h^L be the hidden state of the LSTM at time t . Let h^R be the hidden state of the LSTM at time $t+1$.

The LSTM cell is a recurrent neural network cell that processes a sequence of inputs x_t and produces a sequence of hidden states h_t . The LSTM cell is composed of four layers: an input gate, a forget gate, a cell state, and an output gate.

The input gate i_t determines what information is stored in the cell state. The forget gate f_t determines what information is discarded from the cell state. The cell state c_t is the current state of the LSTM. The output gate o_t determines what part of the cell state is output.

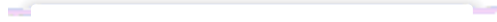
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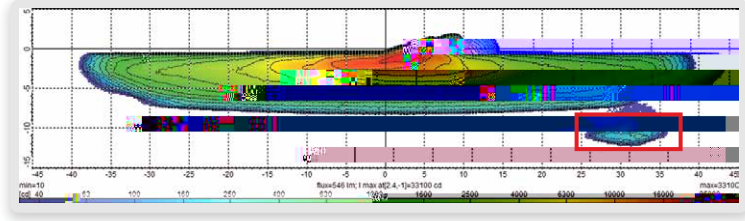


1.

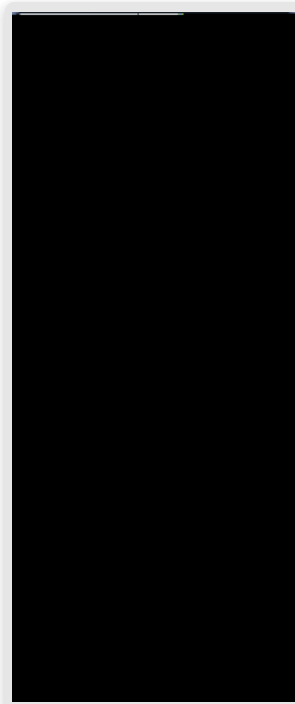
1. The first step in the design process is to define the problem. This involves identifying the requirements and constraints of the design. In this case, the requirements are to design a curved, purple, bowl-shaped component. The constraints are that the component must be made of a material that is strong and durable, and it must be able to withstand high temperatures.



▼



4. n w w n 25,3 -,-13



5. n Restore Rays

