
CSE306 Offline 2 B2 Group2 underflow case

2 messages

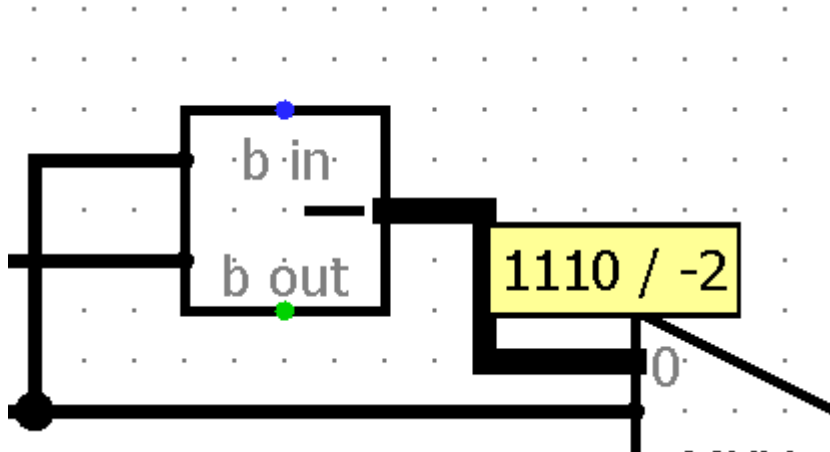
Asif Ajrof <asifajrof@gmail.com>
To: rimpi@cse.buet.ac.bd

Wed, Jun 2, 2021 at 4:10 PM

Mam,

I found out the error in our circuit design. The output result was right, and it should have set the underflow flag on. As it indeed was an underflow case.

After Normalizing, the exponent in that example is -2 (1110)



But the fault in our circuit is we forgot to check if the exponent is negative (less than 0). We only checked if it is zero. That is why our underflow flag was off.

Regards,
Asif Ajrof
1705092

Ms. Rezwana Reaz Rimpi <rimpi@cse.buet.ac.bd>
To: Asif Ajrof <asifajrof@gmail.com>

Thu, Jun 3, 2021 at 12:18 AM

Yes, it was indeed an underflow case.
Thanks for finding out the error and explaining it to me.

Rezwana

From: Asif Ajrof <asifajrof@gmail.com>
Sent: Wednesday, June 2, 2021 4:10 PM
To: Ms. Rezwana Reaz Rimpi <rimpi@cse.buet.ac.bd>
Subject: CSE306 Offline 2 B2 Group2 underflow case

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