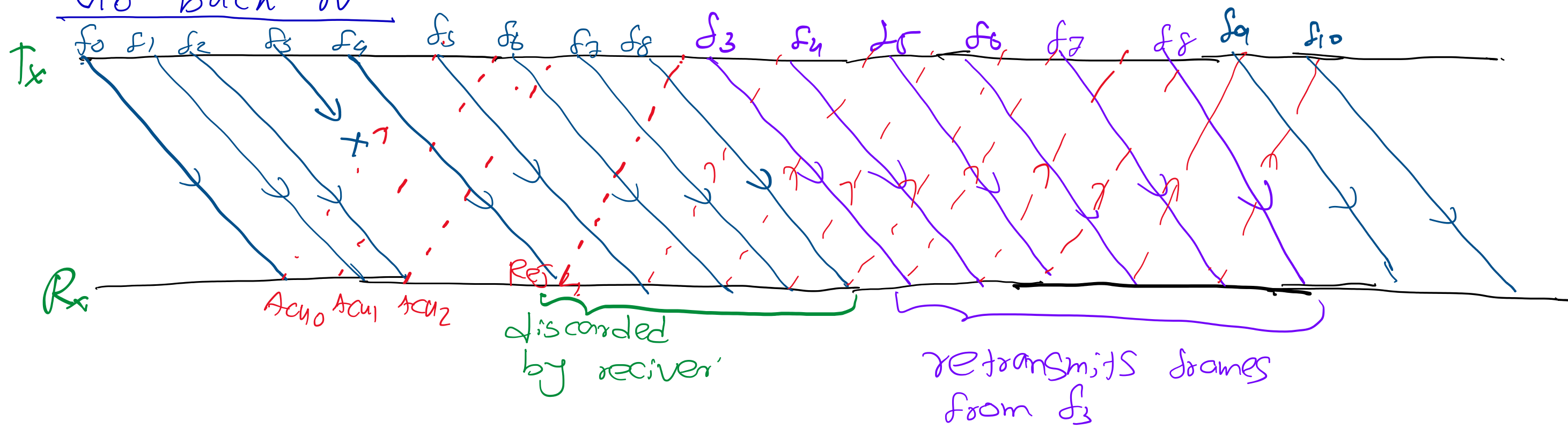


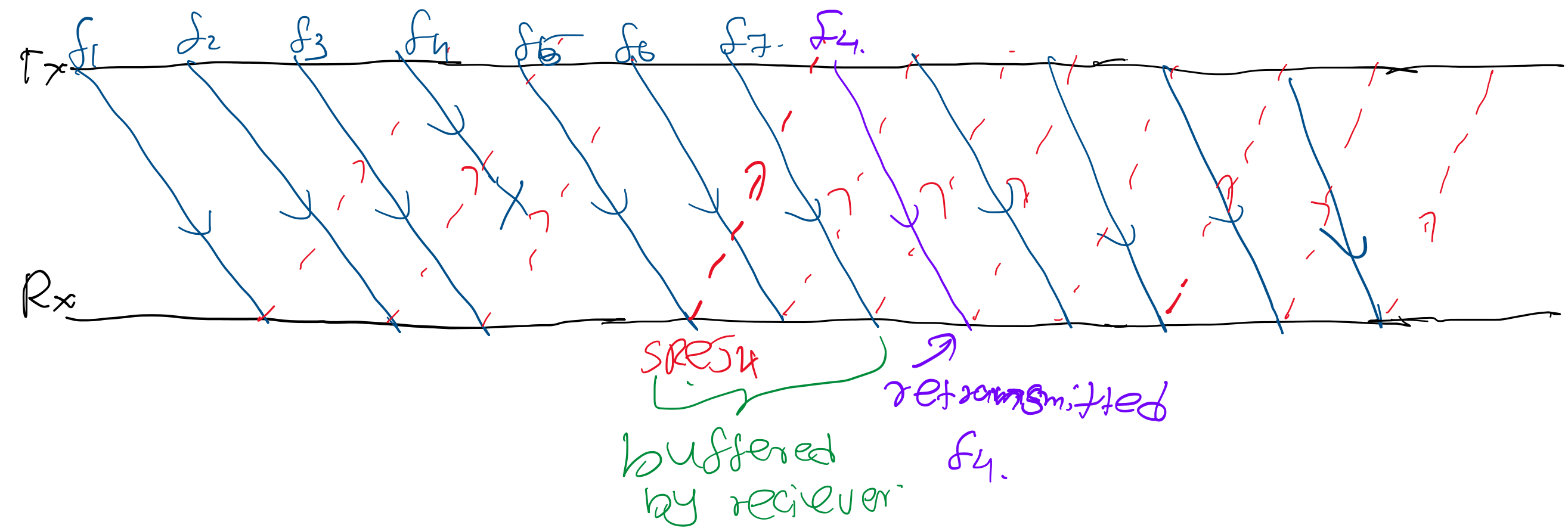
ARQ Assignment

Thursday, May 14, 2020 13:37

Go-back N



Selective reject



2)

Data Link Layer	Transport layer
<ul style="list-style-type: none">• Data will be transmitted in frames• Repeat requests are based on frames.• ARQ process will be there between intermediate nodes in a network.(Data link layer will be there to maintain every link between those nodes.)• Only errors in Physical Layer and Datalink Layer can be addressed.• BW efficiency will be high since the repeat requests are based on frames.• Requires low buffer sizes and processing power.(deals with bit errors and frame sizes are low.)	<ul style="list-style-type: none">• Data will be transmitted in segments where consists multiple frames inside it.• Repeat requests are based on segments.• ARQ process happens between end stations.(Transport layer concerns only the end-to-end delivery.• Errors in Transport layer and all the layers below can be addressed.• BW efficiency will be low since repeat requests are based on segments where we need to re-transmit error free frames inside the segments as well.• Requires higher buffer sizes and processing power.(deals with segment errors and their sizes are usually higher than several times as a frame.)