Trigger Mode Matlab

```
%% Set parameters
SetSingleChanAllParam_v2(s, Channel ID, t1, t2, t3, t4, N, I, 1)   //
```

```
%% Set parameters
SetSingleChanAllParam_v2(s, 0, ...
                         pulse_width, ...     % pulseDurationUS
                         pulse_deadtime, ...                % deadTimeUS
                         interpulse_duration, ...           % interpulseDurationUS
                         interframe_duration, ...           % interframeDurationUS
                         N_pulse_repetition, ...         % numberOfPulsesPerFrame
                         current, ...                % IAmplitude in mA
                         0); %Trigger mode
```

With Continuous Trigger enabled (`SetSingleChanSingleParam_v2(s, 0, 7, 0))`

`Before command for trigger: SetSingleChanState(s, 0, 1, 1, 1);`

- **`Command : SetSingleChanSingleParam_v2(s, 0, 9, 1):`**
  When executing this command, in which the stimulator is in a mode that operates in a context of continuously sent pulses (following the interframe time), the behavior is as follows: immediately after the execution of the command, a pulse will be retransmitted and **the interframe time interval will be reset**. Then, the **interframe time interval will be respected**.

With Continuous Trigger disabled (`SetSingleChanSingleParam_v2(s, 0, 7, 1)).`

- **`Command: SetSingleChanSingleParam_v2(s, 0, 8, 1):`**

  In this scenario, the electrostimulator is in the mode where continuous pulses are not being generated. Thus, **each command sent 1 pulse**. Sending 2 commands results in two pulses being sent, **respecting the interframe time**.

  Example: If 2 commands are sent within a period shorter than the interframe time, the second pulse will be generated only after the interframe time.

  CAUTION: If the second command is not sent within the interframe time, the second pulse will not be generated.

Optional - Sending triggers without respecting time:

Command: `SetSingleChanSingleParam_v2(s, 0, 8, 1)`

Sends the trigger whenever a command is sent, without respecting the time between pulses. (Check if there is any usefulness)