

近況活動報告です。時間ある時にご視聴ください。 萩原良昭

常に最新版を掲載します。2023年9月21日 11:00 am 現在

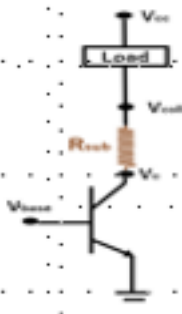
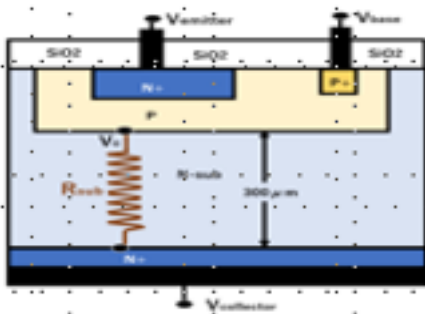
[Pinned Photodiode type Solar Cell の数値解析.mp4](#)

[Pinned Photodiode type Solar Cell の数値解析.pdf](#)

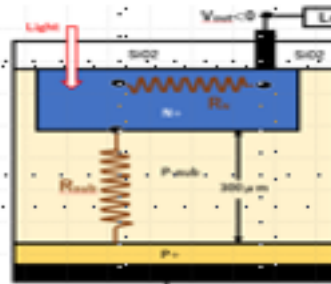
[Pinned Photodiode type Solar Cell の数値解析 C言語.c](#)

太陽光発電電池と蓄電池を支える半導体技術

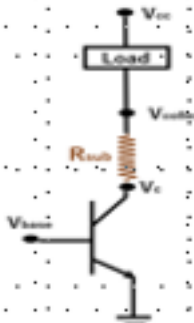
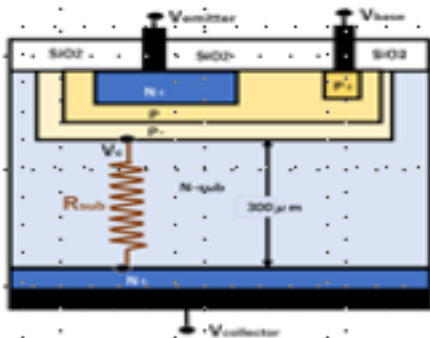
(A1) First Generation Simple NPN Bipolar Transistor in 1948



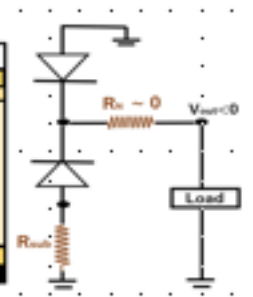
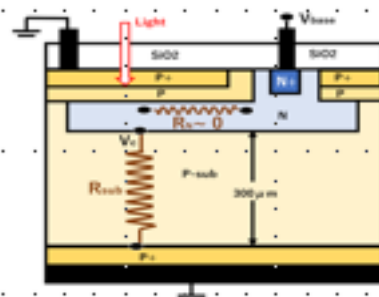
(B1) Conventional Floating Surface N+P Single Junction type Solar Cell



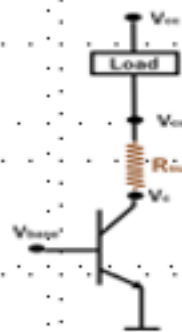
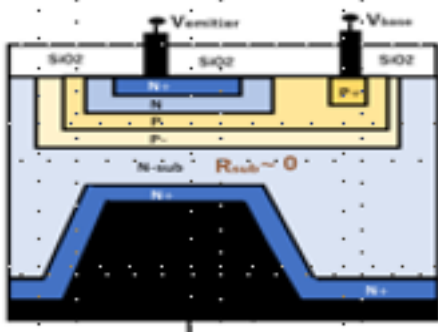
(A2) Second Generation Simple NPN Bipolar Transistor in 1950s



(B2) Pinned Photodiode type Double junction type Solar Cell invented in 2020 by Hagiwara. See JPA2020-131313



(B3) Sony High Performance Bipolar Transistor in 1960s



(B3) High Quantum Efficiency Pinned Photodiode type Solar Cell

