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(54) **OPERATIONAL AMPLIFIER CIRCUIT AND SWITCHING CIRCUIT USING THE SAME**

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**ABSTRACT**

Disclosed is an operational amplifier circuit and a switching circuit. The operational amplifier circuit comprises a main operational amplifier, which performs operational amplification based on a reference signal and a feedback signal of an output voltage of the switching circuit to obtain an operational amplification signal for controlling a switching state of the switching circuit, and generates an adjustment signal according to the feedback signal, the reference signal, and a preset first voltage. When a load of the switching circuit is reduced, an output terminal of the main operational amplifier receives the adjustment signal and obtains an adjusted operational amplification signal, and the adjustment signal is used for suppressing a change of the operational amplification signal. The operational amplification signal can be self-adaptively adjusted when the load is reduced, without detecting load change, thus the operational amplification signal can be quickly restored, the switching circuit has better output characteristics.

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