$$S_{1}()$$

$$S_{2}()$$

$$F_{1}()$$

$$S_{2}()$$

$$F_{1}()$$

$$F_{2}()$$

$$F_{3}()$$

$$F_{4}()$$

$$F_{5}()$$

$$F_{1}(x) \geq 0$$

$$F_{1}(x) \geq 0$$

$$F_{1}(x) \geq 0$$

$$F_{2}(x) \geq 0$$

$$F_{3}(x) \geq 0$$

$$F_{4}(x) \geq 0$$

$$F_{5}(x) \geq 0$$

$$F_{5}(x) \geq 0$$

$$F_{7}(x) \geq 0$$

$$F_{8}(x) \geq 0$$

$$F_{8$$