## Mathematical Model of Forming Back Slope of Sand Structure or Deflation

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**Abstract:** The influence of wind on unbound particles lying on the border of the atmosphere and forming the soil leads to particles blowing-out. Taking into account the movement of particles on the surface, the model of forming the back slope with sand structure is designed. The evolution of the structure has fractal character and the length of the layers lying on different levels is changing in accordance with wave law.