CLAIMS

1. A method of remote connection detection when working on web resource pages, the method comprising:
    - collecting data on a periodicity of computer mouse interrupt signals and training a statistical model using a machine learning method on the basis of the data collected, wherein the computer mouse interrupt signals are generated by corresponding programs that are triggered by mouse movement, and wherein the trained statistical model is representative of a typical periodicity of the computer mouse interrupt signals associated with a legitimate user;
    - receiving computer mouse interrupt signals;
    - comparing, using the trained statistical model, a current periodicity of the received computer mouse interrupt signals with the typical periodicity of the computer mouse interrupt signals associated with the legitimate user; and
    - in case of a deviation in the current periodicity of the received computer mouse interrupt signals identified based on the comparison with the typical periodicity, notifying an owner of the protected web resource of a presence of a remote connection by a visitor of web resource for subsequent response from the owner's side.
2. The method of claim 1, wherein the data on the periodicity of the computer mouse interrupt signals are the median and the dispersion of the time measurements set distribution (in ms) between adjacent calls of the computer mouse interrupt signals.
3. The method of claim 1, wherein, for training the statistical model based on the data collected, the machine learning method such as a k-nearby neighbours method or linear regression is used.

4. The method of claim 1, wherein, for training the statistical model based on the data collected, approximating functions for calculating the parameters necessary for detecting the use of remote access means are used.
5. A system for remote connection detection when working on web resource pages, the system comprising:
    - a server configured to collect data on a periodicity of computer mouse interrupt signals, train a statistical model based on the collected data using a machine learning method, wherein the computer mouse interrupt signals are generated by corresponding programs that are triggered by mouse movement, and wherein the trained statistical model is representative of a typical periodicity of the computer mouse interrupt signals associated with a legitimate user, the server being further configured to compare, using the trained statistical model, a current periodicity of received computer mouse interrupt signals with the typical periodicity of the computer mouse interrupt signals associated with the legitimate user;
    - a remote access server, configured to receive a signal from a computer mouse from a remote access client;
    - a remote access client, configured to transmit a signal about the computer mouse interrupt to a remote access server;
    - computer mouse;
    - browser configured to load a script for collecting and transmitting data on the periodicity of computer mouse interrupt signals on a user's device.
6. A server for remote connection detection when working on web resource pages, the server being configured to:
    - collect data on a periodicity of computer mouse interrupt signals, wherein the computer mouse interrupt signals are generated by corresponding programs that are triggered by mouse movement;

- train a statistical model based on the collected data using a machine learning method, wherein the trained statistical model is representative of a typical periodicity of the computer mouse interrupt signals associated with a legitimate user;
- receive computer mouse interrupt signals;
- compare, using the trained statistical model, a current periodicity of the received computer mouse interrupt signals with the typical periodicity of the computer mouse interrupt signals associated with the legitimate user; and
- in case of a deviation in the current periodicity of the received computer mouse interrupt signals identified based on the comparison with the typical periodicity, notify an owner of the protected web resource of a presence of a remote connection by a visitor of web resource for subsequent response from the owner's side.