**Mathematical analisis (group ІН-45а)**

**Individual assignment**

 **Modul 1**

**Variant 1**

1. Compute the limits

****

1. Investigate the following functions for the continuity

 a) ; b)  

1. Find derivatives of the given functions



**Variant 2**

1.Compute the limits

****

1. Investigate the following functions for the continuity

 a) ; b) 

1. Find derivatives of the given functions



**Variant 3**

1. Compute the limits

****

1. Investigate the following functions for the continuity

 a)  ; b) 

1. Find derivatives of the given functions





**Variant 4**

1. Compute the limits

****

1. Investigate the following functions for the continuity

 a) ; b) 

1. Find derivatives of the given functions



**Variant 5**

1. Compute the limits

****

1. Investigate the following functions for the continuity

 a) ; b)

1. Find derivatives of the given functions



**Variant 6**

1. Compute the limits

****

1. Investigate the following functions for the continuity

 a) ; b) 

1. Find derivatives of the given functions



**Variant 7**

1. Compute the limits

****

1. Investigate the following functions for the continuity

 a); b)  

1. Find derivatives of the given functions



**Variant 8**

1. Compute the limits

****

1. Investigate the following functions for the continuity

 a) ; b)  

1. Find derivatives of the given functions



**Variant 9**

1. Compute the limits

****

1. Investigate the following functions for the continuity

 a); b)  

1. Find derivatives of the given functions







**Variant 10**

1. Compute the limits

****

1. Investigate the following functions for the continuity

 a)  b) 

1. Find derivatives of the given functions

