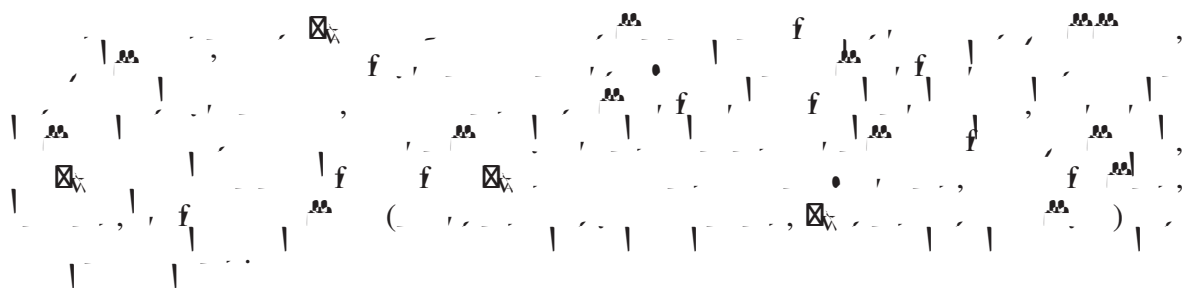


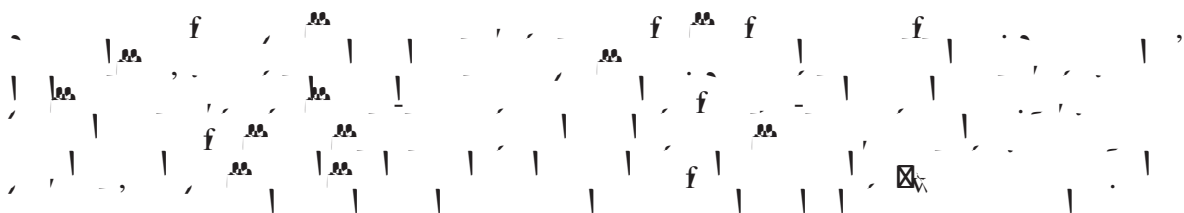
1



t 3

t 1

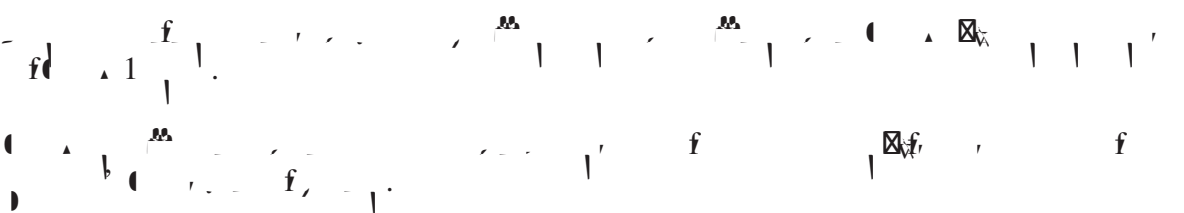
1.



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1.



[illegible]

Figure 10: A diagram illustrating the construction of a new function f from a given function f . The diagram shows a sequence of functions f and f connected by arrows, with a central box labeled f and a box labeled f below it. The functions are represented by a series of vertical lines and horizontal segments, with some segments labeled f and others labeled f . The diagram is a complex arrangement of these elements, showing the relationship between the functions and the construction of the new function f .

0

$\mathbb{R}^n$

1. 
2. 
3. 

[illegible]

t 3

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7

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•2

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- (99)
- (100)

$$t_5 \quad \quad \quad , \quad \quad t_1$$

$$t_1$$

1

[illegible]

[illegible]

$$(\cdot) = \frac{1}{\sqrt{\pi}} \int_{-\infty}^{\infty} d\lambda e^{i\lambda(\cdot)} \quad (\text{f. f.})'$$

$$(c) \quad \mathbf{f}_T = -\frac{\mathbf{f}_T}{\|\mathbf{f}_T\|} \quad \text{and} \quad \mathbf{f}_T = -\frac{\mathbf{f}_T}{\|\mathbf{f}_T\|} \quad \text{and} \quad \mathbf{f}_T = -\frac{\mathbf{f}_T}{\|\mathbf{f}_T\|} \quad \text{and} \quad \mathbf{f}_T = -\frac{\mathbf{f}_T}{\|\mathbf{f}_T\|}$$

() f f

(.)

()

()

[illegible]

(7) $\frac{\mathbf{f}}{\mathbf{f} + \mathbf{f}'} = \frac{\mathbf{f}}{\mathbf{f} + \mathbf{f}'} \cdot \frac{\mathbf{f} + \mathbf{f}'}{\mathbf{f} + \mathbf{f}'} = \frac{\mathbf{f}(\mathbf{f} + \mathbf{f}')}{(\mathbf{f} + \mathbf{f}')^2}$.

()

$\frac{f}{\sqrt{\pi}} \left(\frac{f}{\sqrt{\pi}} + \frac{f}{\sqrt{\pi}} \right) = \frac{f}{\sqrt{\pi}}$

()

(r) 

(7)

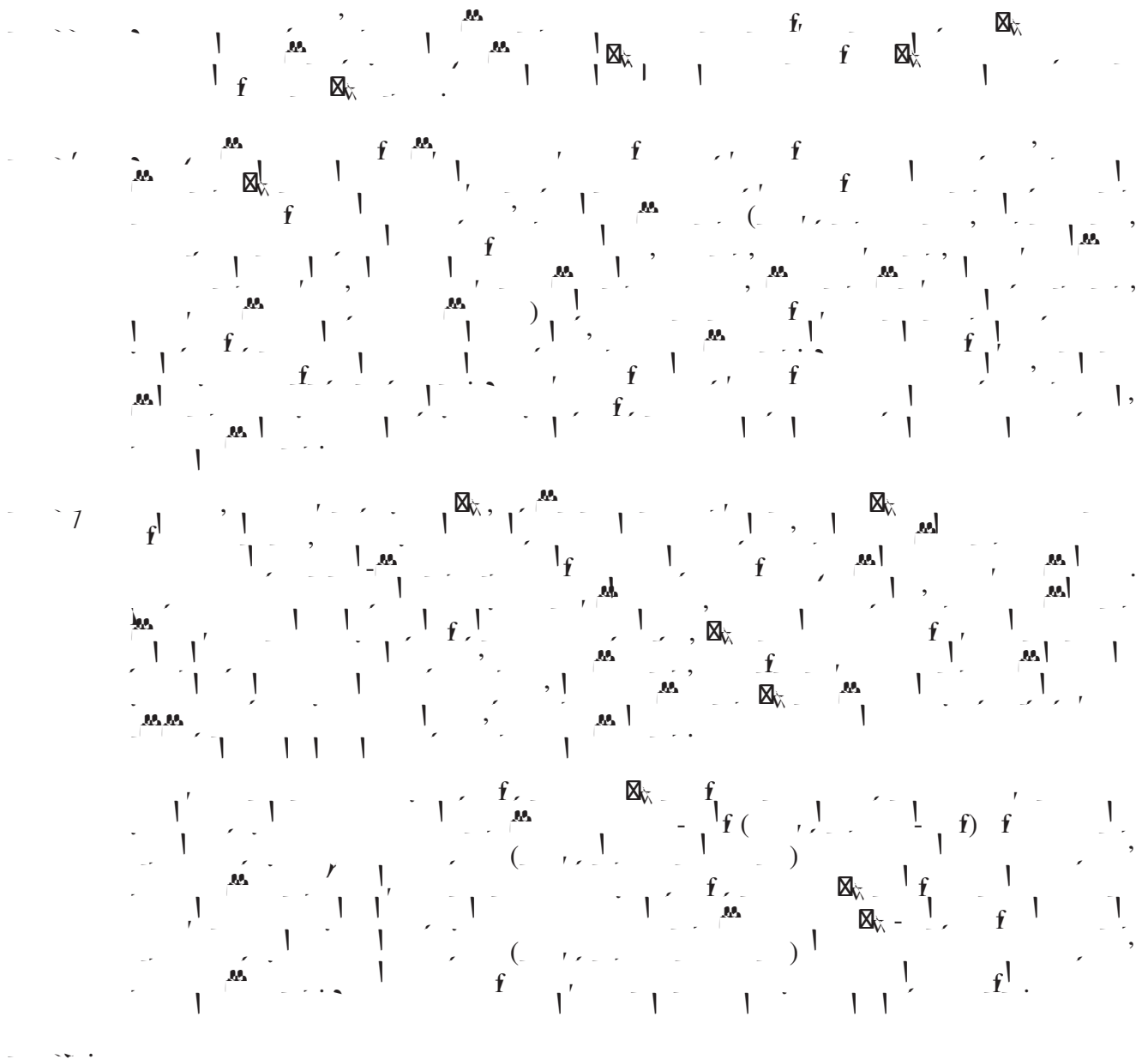
[illegible]

[illegible]

(1) 

(2) 

- (1) $\mathcal{F} \rightarrow \mathcal{F}'$ is a morphism of $\mathcal{F}$ -modules.
- (1.) $\mathcal{F} \rightarrow \mathcal{F}'$ is a morphism of $\mathcal{F}$ -modules.
- (1) $\mathcal{F} \rightarrow \mathcal{F}'$ is a morphism of $\mathcal{F}$ -modules.
- (1) $\mathcal{F} \rightarrow \mathcal{F}'$ is a morphism of $\mathcal{F}$ -modules.
- (1) $\mathcal{F} \rightarrow \mathcal{F}'$ is a morphism of $\mathcal{F}$ -modules.
- (1) $\mathcal{F} \rightarrow \mathcal{F}'$ is a morphism of $\mathcal{F}$ -modules.



[illegible]

7^0

1

$t \quad 5$

2

f

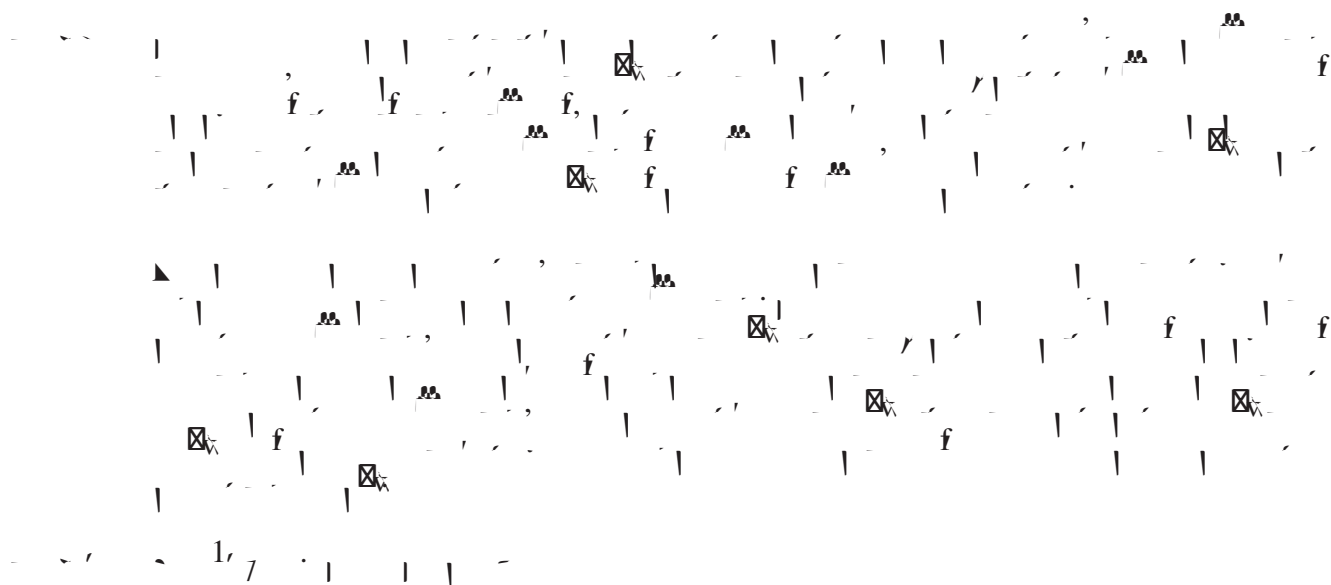
f

(1)

(2)

()

f

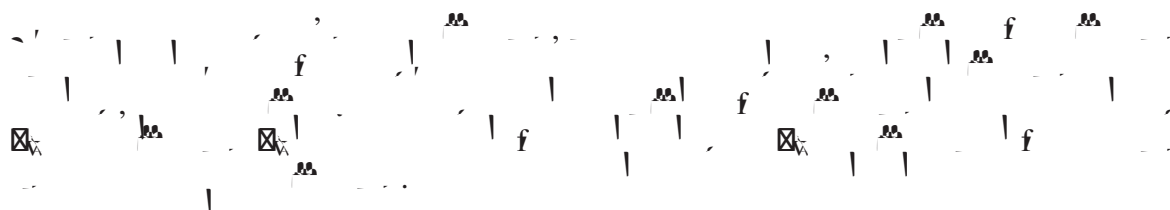


[illegible][illegible][illegible]

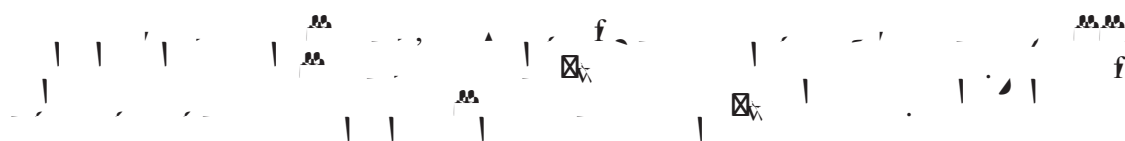
$\frac{f}{f} = \frac{f}{f}$

[illegible]

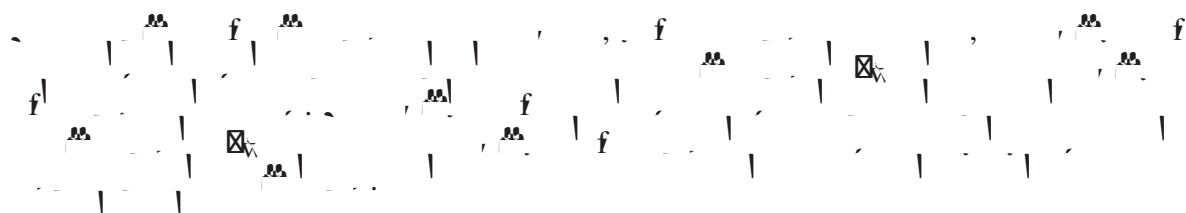
10



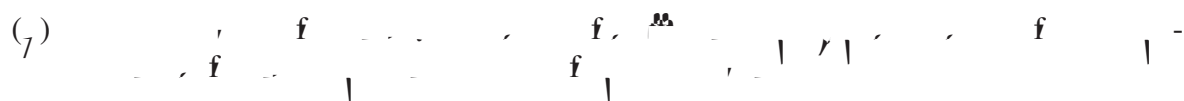
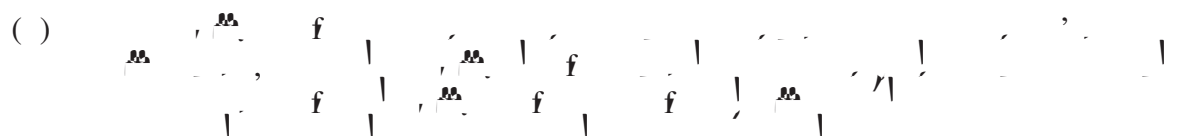
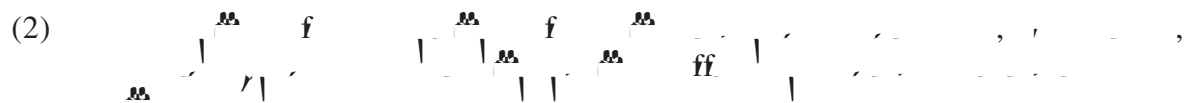
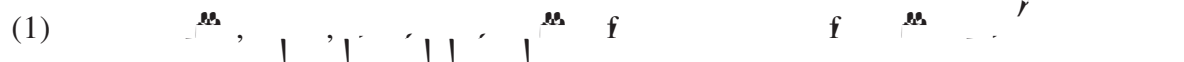
10



10

10₇

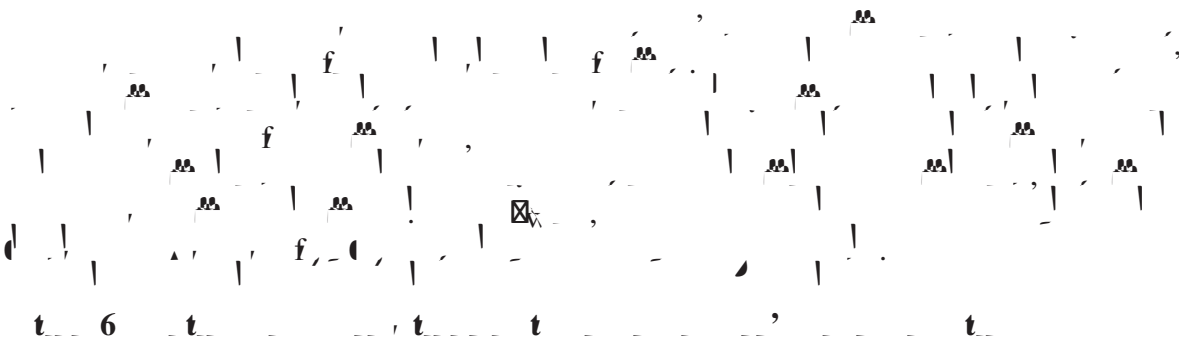
10



110



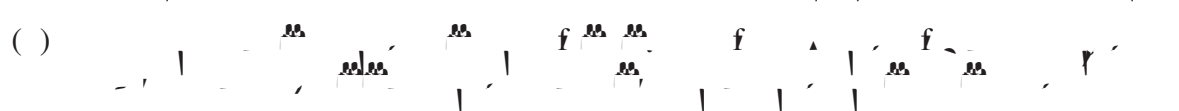
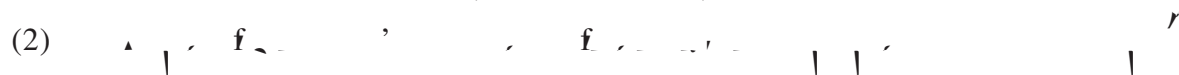
111



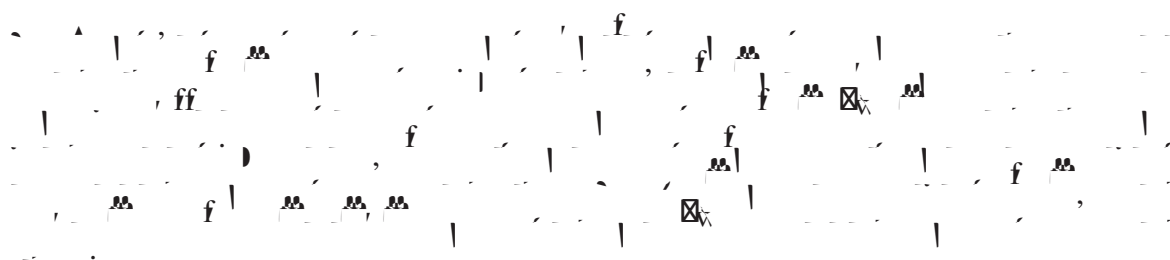
112



11



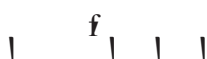
11



11,



(1)



(2)



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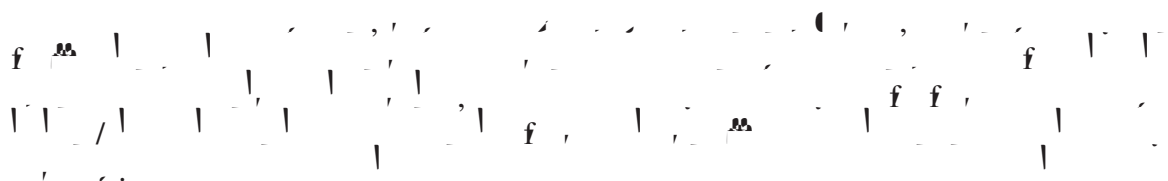
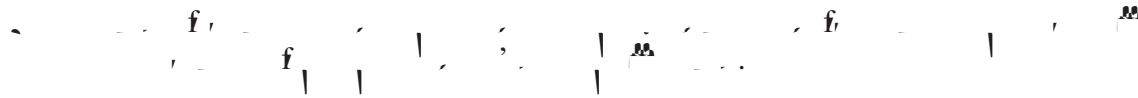
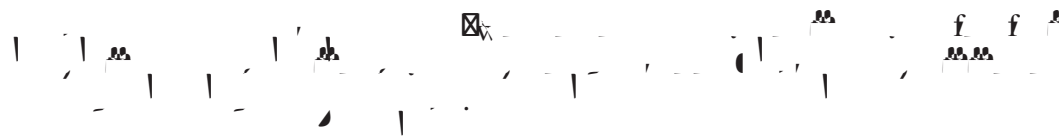
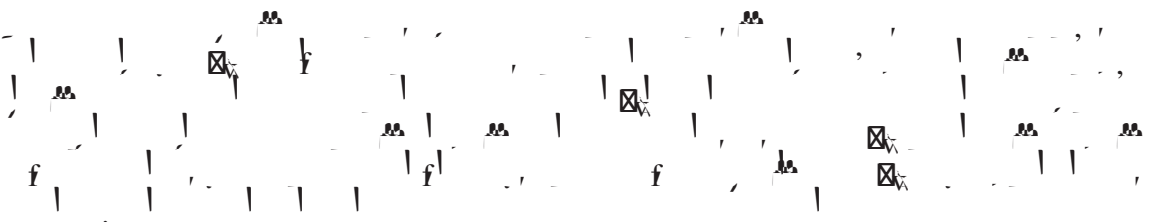
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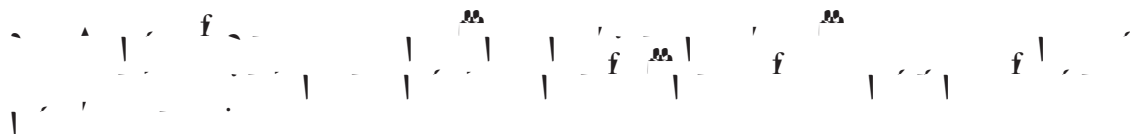
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11₇

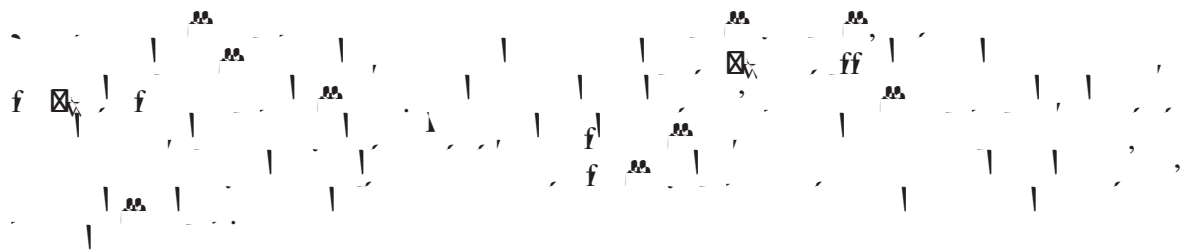
11



120



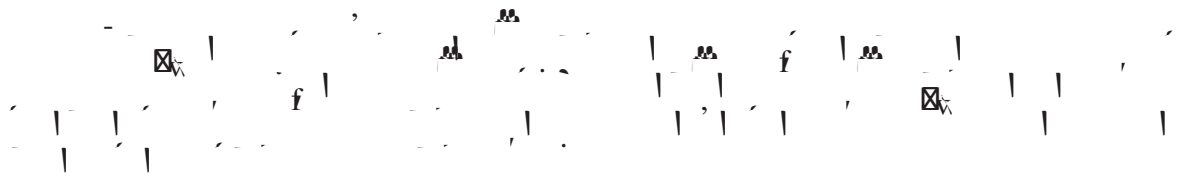
121



122



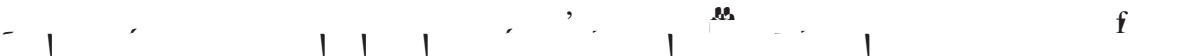
12



12



12₇



1.1 $\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$ $\frac{1}{5}$ $\frac{1}{6}$ $\frac{1}{7}$ $\frac{1}{8}$ $\frac{1}{9}$ $\frac{1}{10}$ $\frac{1}{11}$ $\frac{1}{12}$ $\frac{1}{13}$ $\frac{1}{14}$ $\frac{1}{15}$ $\frac{1}{16}$ $\frac{1}{17}$ $\frac{1}{18}$ $\frac{1}{19}$ $\frac{1}{20}$ $\frac{1}{21}$ $\frac{1}{22}$ $\frac{1}{23}$ $\frac{1}{24}$ $\frac{1}{25}$ $\frac{1}{26}$ $\frac{1}{27}$ $\frac{1}{28}$ $\frac{1}{29}$ $\frac{1}{30}$ $\frac{1}{31}$ $\frac{1}{32}$ $\frac{1}{33}$ $\frac{1}{34}$ $\frac{1}{35}$ $\frac{1}{36}$ $\frac{1}{37}$ $\frac{1}{38}$ $\frac{1}{39}$ $\frac{1}{40}$ $\frac{1}{41}$ $\frac{1}{42}$ $\frac{1}{43}$ $\frac{1}{44}$ $\frac{1}{45}$ $\frac{1}{46}$ $\frac{1}{47}$ $\frac{1}{48}$ $\frac{1}{49}$ $\frac{1}{50}$ $\frac{1}{51}$ $\frac{1}{52}$ $\frac{1}{53}$ $\frac{1}{54}$ $\frac{1}{55}$ $\frac{1}{56}$ $\frac{1}{57}$ $\frac{1}{58}$ $\frac{1}{59}$ $\frac{1}{60}$ $\frac{1}{61}$ $\frac{1}{62}$ $\frac{1}{63}$ $\frac{1}{64}$ $\frac{1}{65}$ $\frac{1}{66}$ $\frac{1}{67}$ $\frac{1}{68}$ $\frac{1}{69}$ $\frac{1}{70}$ $\frac{1}{71}$ $\frac{1}{72}$ $\frac{1}{73}$ $\frac{1}{74}$ $\frac{1}{75}$ $\frac{1}{76}$ $\frac{1}{77}$ $\frac{1}{78}$ $\frac{1}{79}$ $\frac{1}{80}$ $\frac{1}{81}$ $\frac{1}{82}$ $\frac{1}{83}$ $\frac{1}{84}$ $\frac{1}{85}$ $\frac{1}{86}$ $\frac{1}{87}$ $\frac{1}{88}$ $\frac{1}{89}$ $\frac{1}{90}$ $\frac{1}{91}$ $\frac{1}{92}$ $\frac{1}{93}$ $\frac{1}{94}$ $\frac{1}{95}$ $\frac{1}{96}$ $\frac{1}{97}$ $\frac{1}{98}$ $\frac{1}{99}$ $\frac{1}{100}$

1. *ff* *f f* 1. 2.

f

(1) *ff*

(2) *f*

()

1. *f*

1. *f*

f

f

1.

[illegible]

(10)

(11)

(12)

(1)

(2)

()

(.)

()

()

()

(7)

()

(10)

(1)

(2)

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(.)

()

[illegible]

[illegible]

[illegible]


 University of Twente
 Enschede, The Netherlands
 f, 
 Enschede, The Netherlands

 Enschede, The Netherlands

$$1_7^1 = \begin{pmatrix} 1 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 1 \end{pmatrix} \quad (1)$$

[illegible]

17 

[illegible]

[illegible]

()

$$(\cdot) \quad \begin{array}{c} \text{---} \\ \text{---} \\ \text{---} \end{array} \cdot \quad \cdot \quad f \quad \begin{array}{c} \text{---} \\ \text{---} \\ \text{---} \end{array} f, \quad \cdot$$

[illegible]

$$1_7 \bullet = \frac{f}{\Gamma(1)} \left[\frac{\Gamma(1)}{\Gamma(1)} - \frac{\Gamma(1)}{\Gamma(1)} \right] = 0$$

17' f ff

177 f f $\boxtimes_k$ f

(1) f f f $\boxtimes_k$

(2)

() f $\boxtimes_k$ f $\boxtimes_k$ f

(.) f () f $\boxtimes_k$ f

() f

() f f f

17 f $\boxtimes_k$

(1) f f f

(2) f f f 1%

() $\boxtimes_k$ $\%$ f f

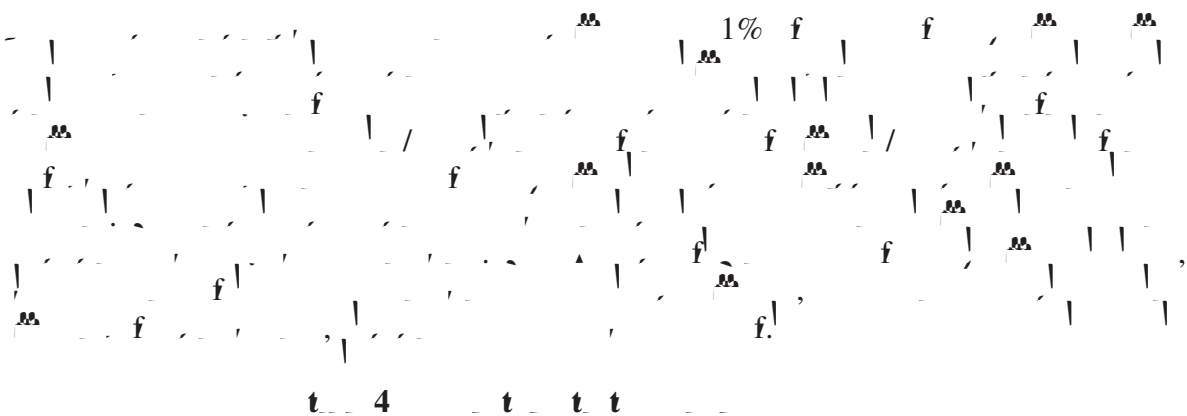
(.) $\boxtimes_k$ f f

() f

() f

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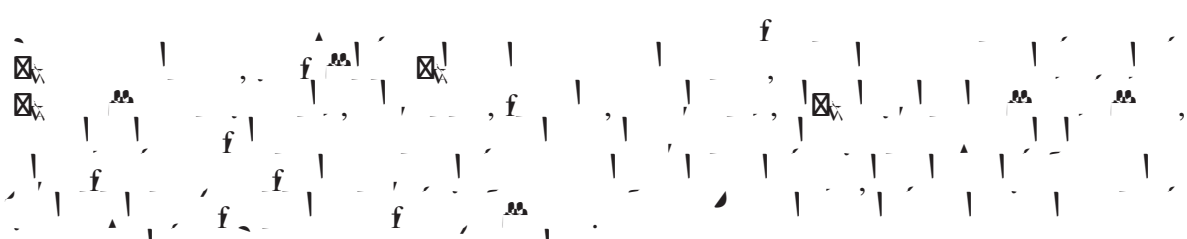
20



20



20,

20₇

(1)



(2)



()



(.)



()



20

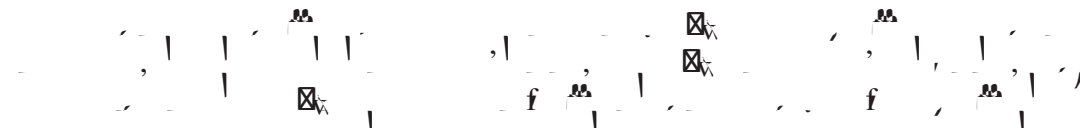


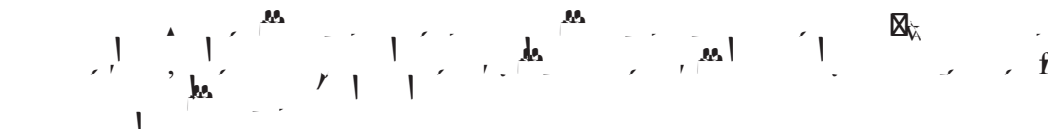
(1)



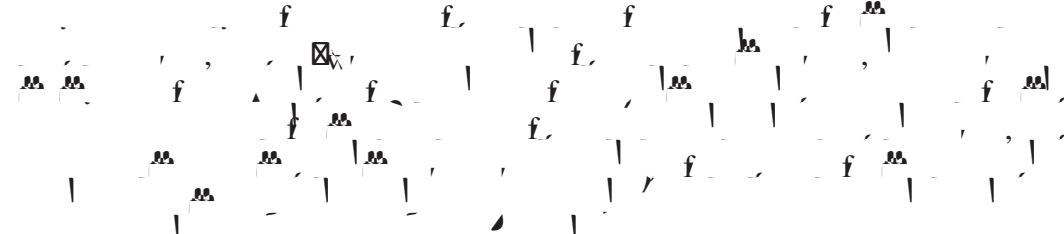
(2)



() 

(.) 

() 

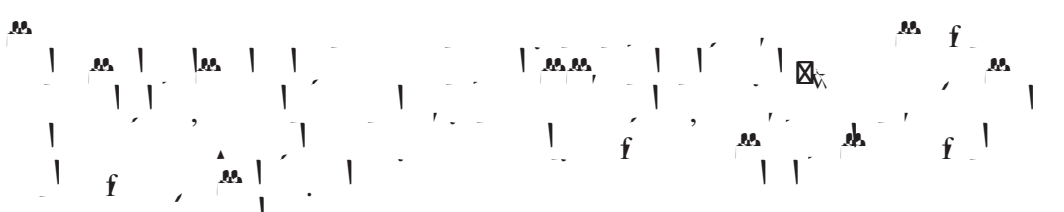
() 

() 

(7) 

() 

(10) 



21

(Musical score for Piano Solo, measures 1-8)

21,

[illegible]21₇[illegible]

21

$$\begin{array}{ccccccc} \textcircled{\scriptsize\bullet}\textcircled{\scriptsize\bullet}\textcircled{\scriptsize\bullet} & f_6 & \textcircled{\scriptsize\bullet}\textcircled{\scriptsize\bullet}\textcircled{\scriptsize\bullet} & f_7 & \textcircled{\scriptsize\bullet}\textcircled{\scriptsize\bullet}\textcircled{\scriptsize\bullet}\textcircled{\scriptsize\bullet} & \textcircled{\scriptsize\bullet}\textcircled{\scriptsize\bullet}\textcircled{\scriptsize\bullet} & \textcircled{\scriptsize\bullet}\textcircled{\scriptsize\bullet}\textcircled{\scriptsize\bullet} \\ | & & | & & | & & | \\ \textcircled{\scriptsize\bullet}\textcircled{\scriptsize\bullet} & - & \textcircled{\scriptsize\bullet}\textcircled{\scriptsize\bullet} & - & \textcircled{\scriptsize\bullet}\textcircled{\scriptsize\bullet} & - & f_8 \\ | & & | & & | & & | \\ \textcircled{\scriptsize\bullet}\textcircled{\scriptsize\bullet} & & & & & & \textcircled{\scriptsize\bullet}\textcircled{\scriptsize\bullet} & f_9 \end{array}$$

220

(1)

(2)

()

221

(1)

(2)

()

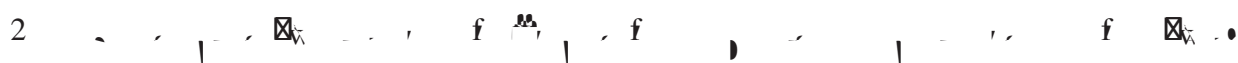
(.)

[illegible]

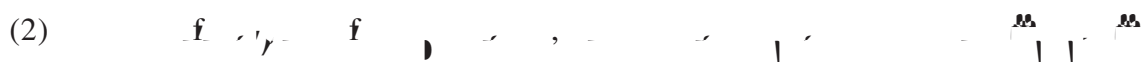
2 0 

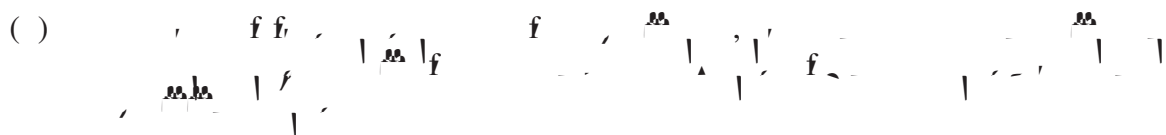
2 1 

2 2 

2 

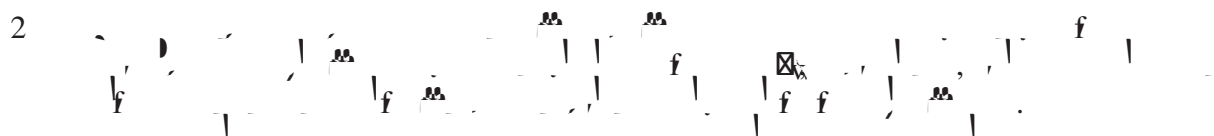
(1) 

(2) 

() 

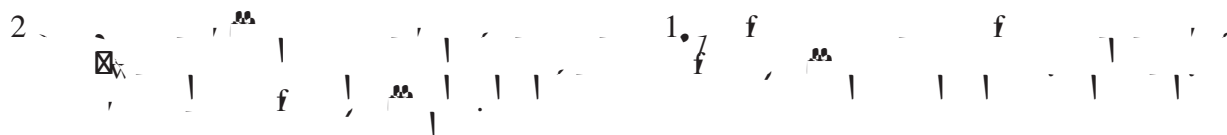
(.) 

2 . 

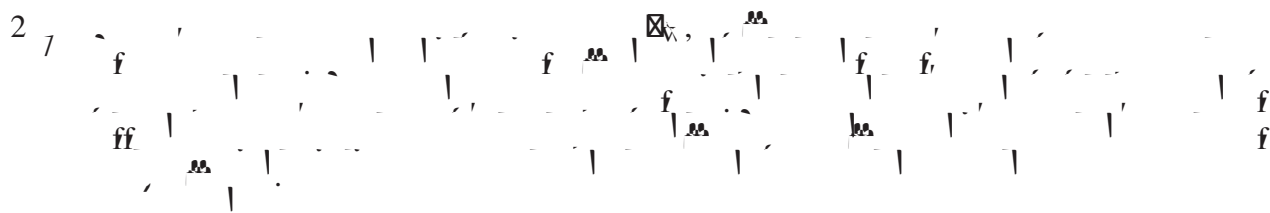
2 

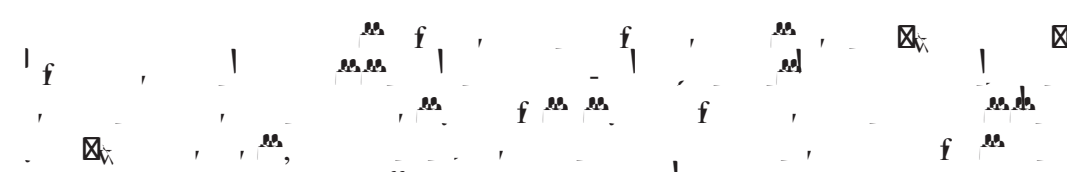
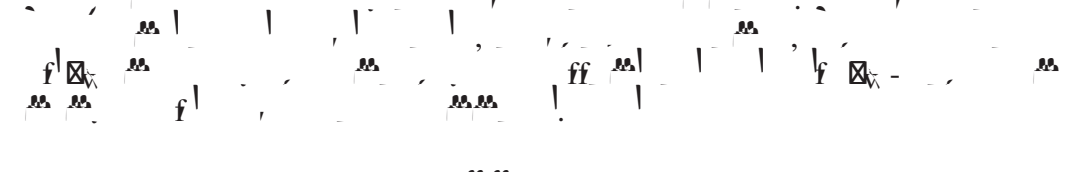
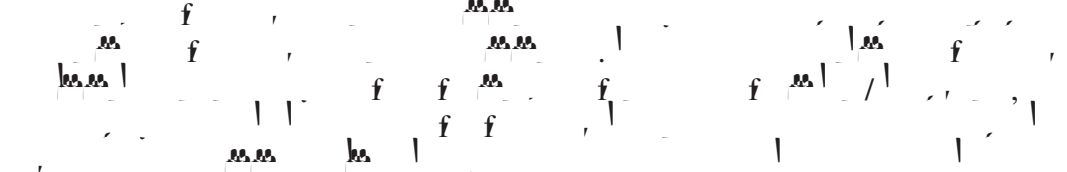
t 8 tt

t 1

2 

2 , 

2 7 

2.         

2.7

$$\mathbf{f} \in \mathbb{R}^N \quad (2)$$

2.

(1)

(2)

()

(.)

()

()

(*i*)

(7)

()

(10)

20

()

10

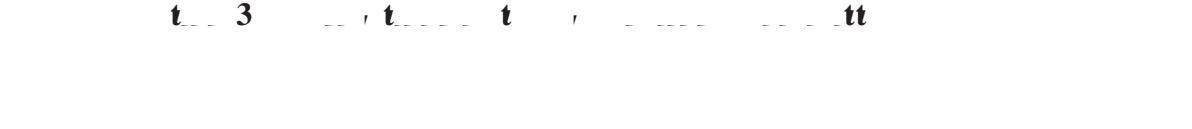
2 1

 $f \boxtimes$

2 2 、  

2 

2 . 

(1) 

(2) 

() 

t 3 t t tt

()

(.)

2 0

2 1

(1)

(2)

()

(.)

()

()

(.)

(7)

()

(10)

[illegible]
$$(12) \quad \begin{array}{c} \text{Diagram 1} \\ \text{Diagram 2} \\ \text{Diagram 3} \\ \text{Diagram 4} \\ \text{Diagram 5} \\ \text{Diagram 6} \\ \text{Diagram 7} \\ \text{Diagram 8} \\ \text{Diagram 9} \\ \text{Diagram 10} \\ \text{Diagram 11} \\ \text{Diagram 12} \\ \text{Diagram 13} \\ \text{Diagram 14} \\ \text{Diagram 15} \\ \text{Diagram 16} \\ \text{Diagram 17} \\ \text{Diagram 18} \\ \text{Diagram 19} \\ \text{Diagram 20} \\ \text{Diagram 21} \\ \text{Diagram 22} \\ \text{Diagram 23} \\ \text{Diagram 24} \\ \text{Diagram 25} \\ \text{Diagram 26} \\ \text{Diagram 27} \\ \text{Diagram 28} \\ \text{Diagram 29} \\ \text{Diagram 30} \\ \text{Diagram 31} \\ \text{Diagram 32} \\ \text{Diagram 33} \\ \text{Diagram 34} \\ \text{Diagram 35} \\ \text{Diagram 36} \\ \text{Diagram 37} \\ \text{Diagram 38} \\ \text{Diagram 39} \\ \text{Diagram 40} \\ \text{Diagram 41} \\ \text{Diagram 42} \\ \text{Diagram 43} \\ \text{Diagram 44} \\ \text{Diagram 45} \\ \text{Diagram 46} \\ \text{Diagram 47} \\ \text{Diagram 48} \\ \text{Diagram 49} \\ \text{Diagram 50} \\ \text{Diagram 51} \\ \text{Diagram 52} \\ \text{Diagram 53} \\ \text{Diagram 54} \\ \text{Diagram 55} \\ \text{Diagram 56} \\ \text{Diagram 57} \\ \text{Diagram 58} \\ \text{Diagram 59} \\ \text{Diagram 60} \\ \text{Diagram 61} \\ \text{Diagram 62} \\ \text{Diagram 63} \\ \text{Diagram 64} \\ \text{Diagram 65} \\ \text{Diagram 66} \\ \text{Diagram 67} \\ \text{Diagram 68} \\ \text{Diagram 69} \\ \text{Diagram 70} \\ \text{Diagram 71} \\ \text{Diagram 72} \\ \text{Diagram 73} \\ \text{Diagram 74} \\ \text{Diagram 75} \\ \text{Diagram 76} \\ \text{Diagram 77} \\ \text{Diagram 78} \\ \text{Diagram 79} \\ \text{Diagram 80} \\ \text{Diagram 81} \\ \text{Diagram 82} \\ \text{Diagram 83} \\ \text{Diagram 84} \\ \text{Diagram 85} \\ \text{Diagram 86} \\ \text{Diagram 87} \\ \text{Diagram 88} \\ \text{Diagram 89} \\ \text{Diagram 90} \\ \text{Diagram 91} \\ \text{Diagram 92} \\ \text{Diagram 93} \\ \text{Diagram 94} \\ \text{Diagram 95} \\ \text{Diagram 96} \\ \text{Diagram 97} \\ \text{Diagram 98} \\ \text{Diagram 99} \\ \text{Diagram 100} \end{array}$$

(-) $\square_{\tilde{N}_1}$ $\square_{\tilde{N}_1}$

() ☒ χ^2

$$(---) \quad \square_{\Lambda} \quad \text{---} \quad f \quad \square_{\Lambda} \quad \text{---} \quad f \quad \text{---} \quad , \quad \text{---} \quad , \quad \text{---} \quad ,$$

2 2

[illegible][illegible]

(2) (1)

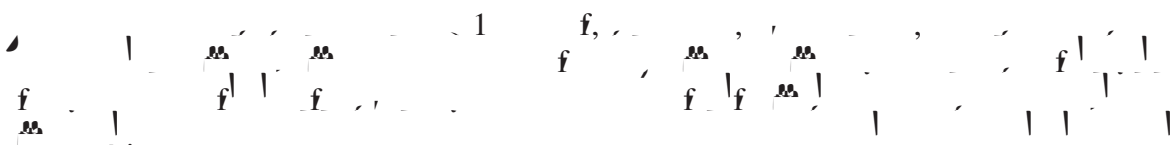
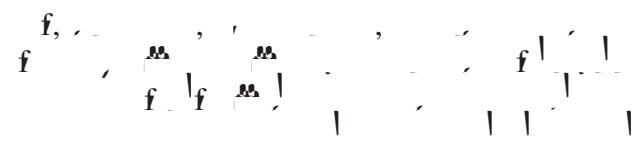
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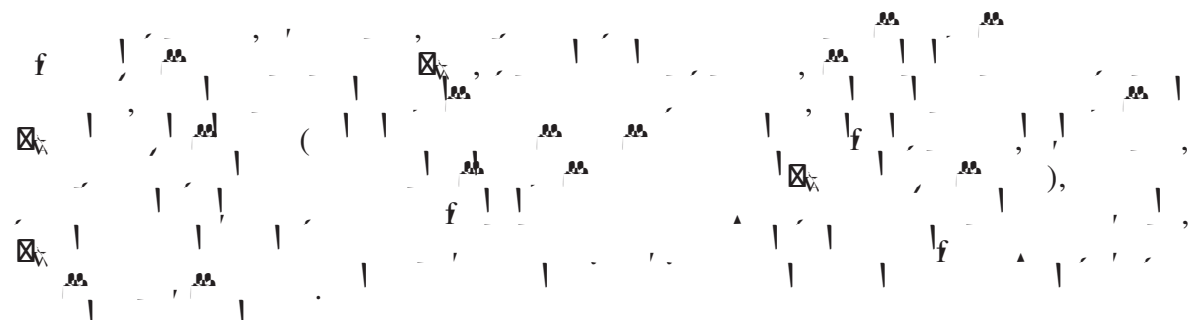
(1) (2)

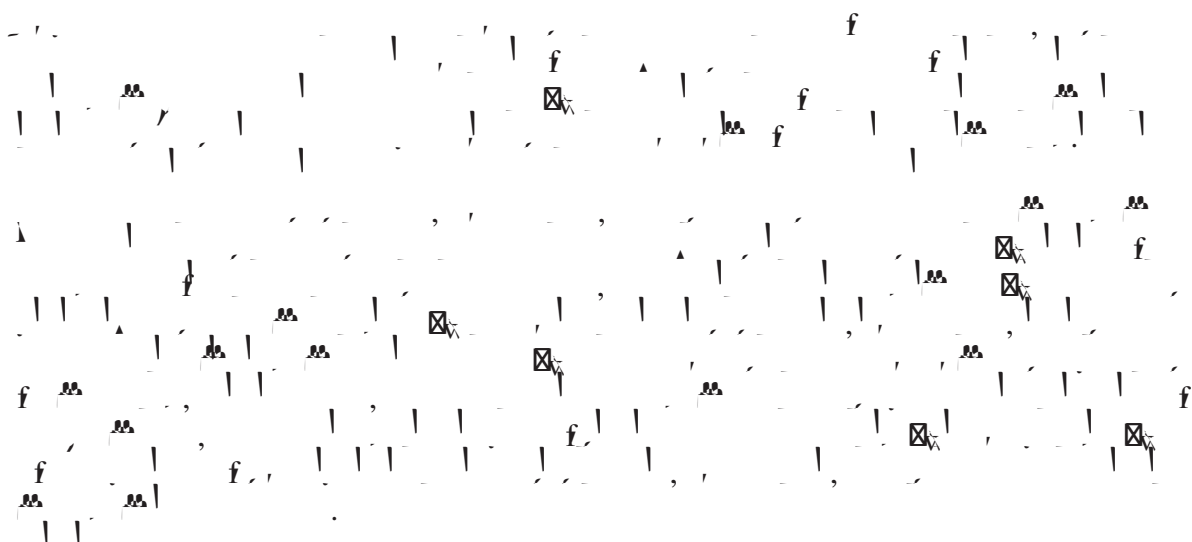
(.)

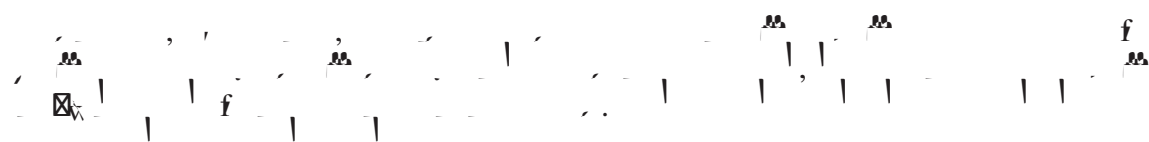
[illegible]

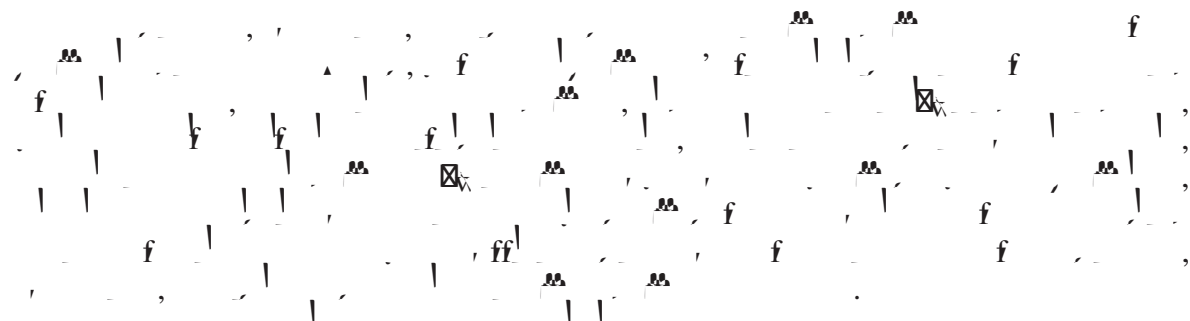
2

2.  1 

2 





2. 

2. 

2. 

f

(1)

(2)

()

2、

2, 0

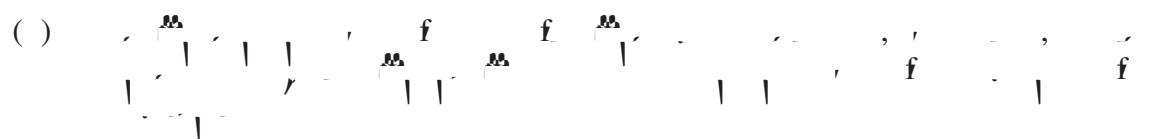
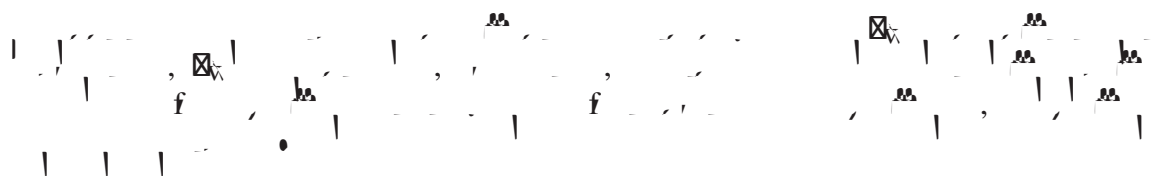
(1)

(2)

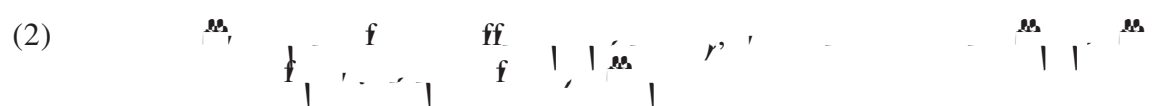
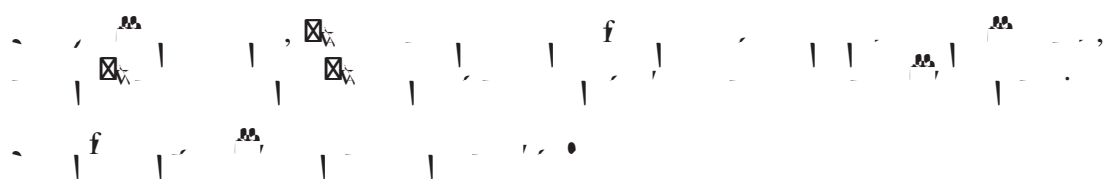
2, 1

2, 2

2,



2, •



2,

[illegible]

(1)

ff 

(2)

$$1 \stackrel{ff}{\rightarrow} \dots \stackrel{ff}{\rightarrow} (1 \stackrel{f}{\rightarrow} \dots \stackrel{f}{\rightarrow} 2 \stackrel{f}{\rightarrow} \dots \stackrel{f}{\rightarrow} 1 \stackrel{ff}{\rightarrow} \dots).$$
[illegible]

t 10 , _ _ _ _ , **t** _ **t** _ , _ _ **t** _ **t** _ , **t** _ _ _ , **t** _

t 1 t t

2.

[illegible]

2, 1

A complex musical score for a string quartet, featuring four staves with various musical notations including notes, rests, and dynamic markings.

[illegible]

$\frac{f}{\sqrt{\lambda_1}} \leq \frac{f}{\sqrt{\lambda_2}} \leq \dots \leq \frac{f}{\sqrt{\lambda_n}}$

[illegible]

27

20

[illegible]

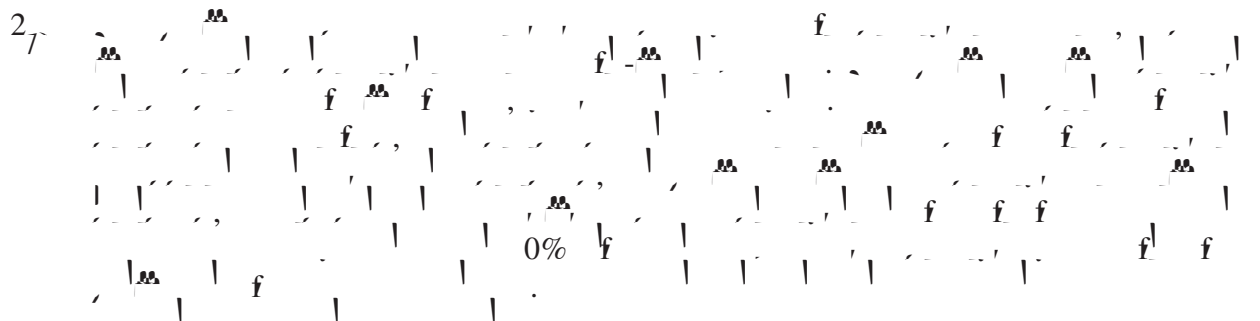
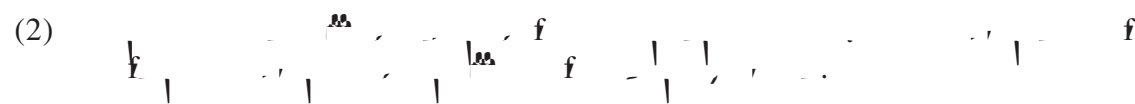
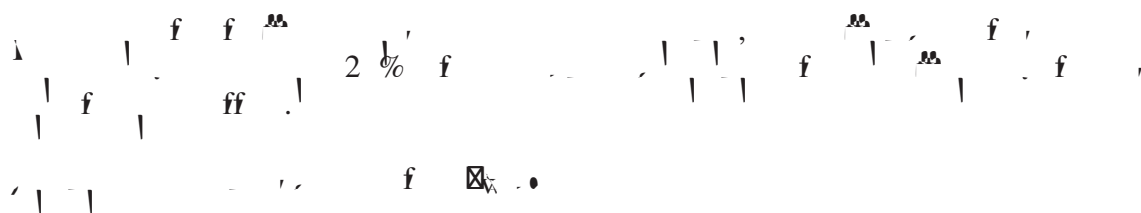
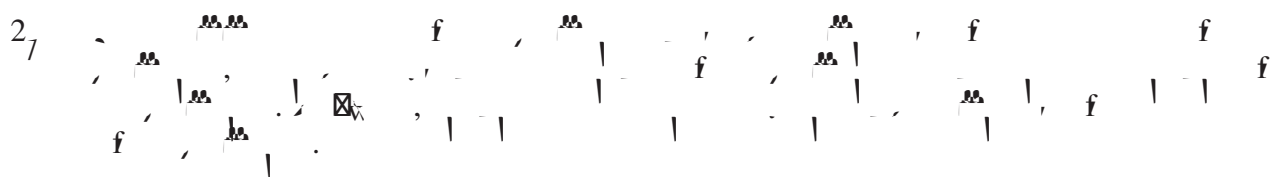
271 

[illegible]

27

f $\frac{f}{\sqrt{2}}$ $\frac{f}{\sqrt{2}}$ f $\frac{f}{\sqrt{2}}$ $\frac{f}{\sqrt{2}}$ f $\frac{f}{\sqrt{2}}$ $\frac{f}{\sqrt{2}}$ f $\frac{f}{\sqrt{2}}$ $\frac{f}{\sqrt{2}}$ f $\frac{f}{\sqrt{2}}$ $\frac{f}{\sqrt{2}}$ f

Δ



27

(1)

0% f

(2)

0% f

()

20% f

(1)

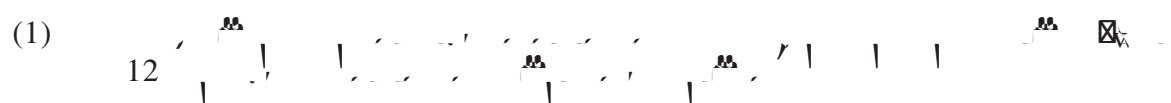
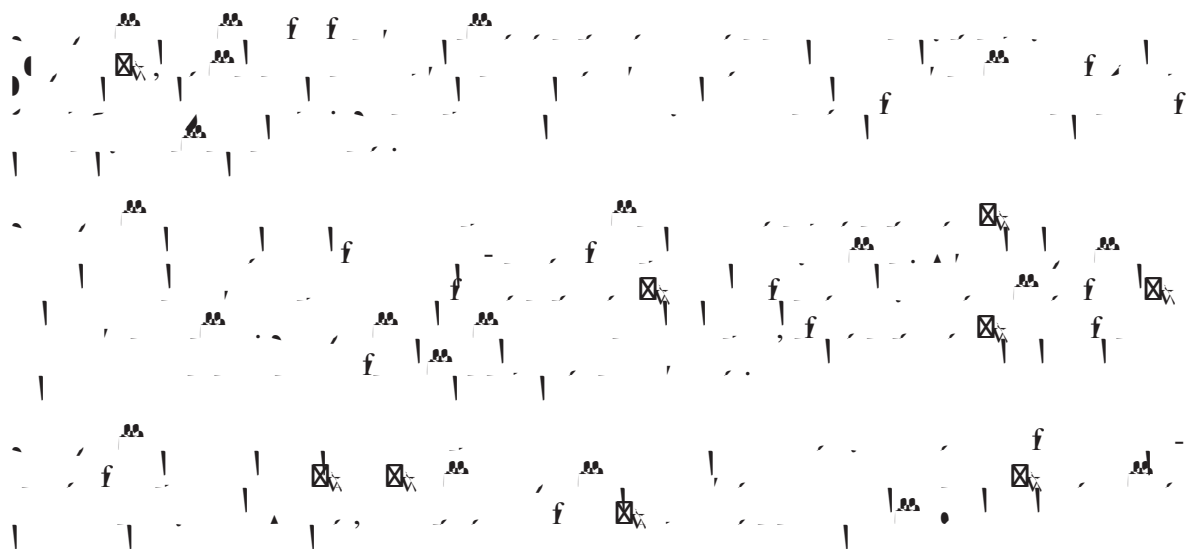
(2)

()

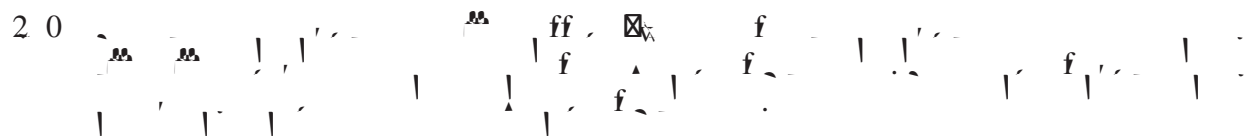
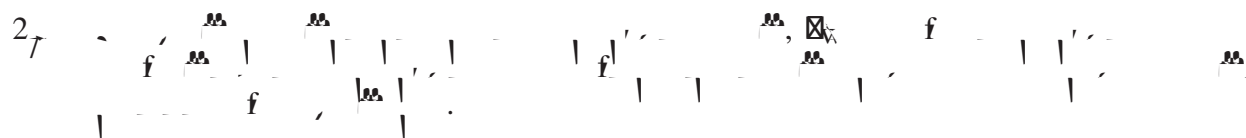
(.)

()

A page of musical notation for a piano piece, featuring multiple staves with notes, rests, and dynamic markings like 'f' and 'ff'. The notation includes various musical symbols such as treble and bass clefs, time signatures, and articulation marks. The page is filled with complex musical patterns and dynamics, typical of a classical score.



$t \quad 2 \quad t \quad t$



$t \quad 3 \quad t \quad t$

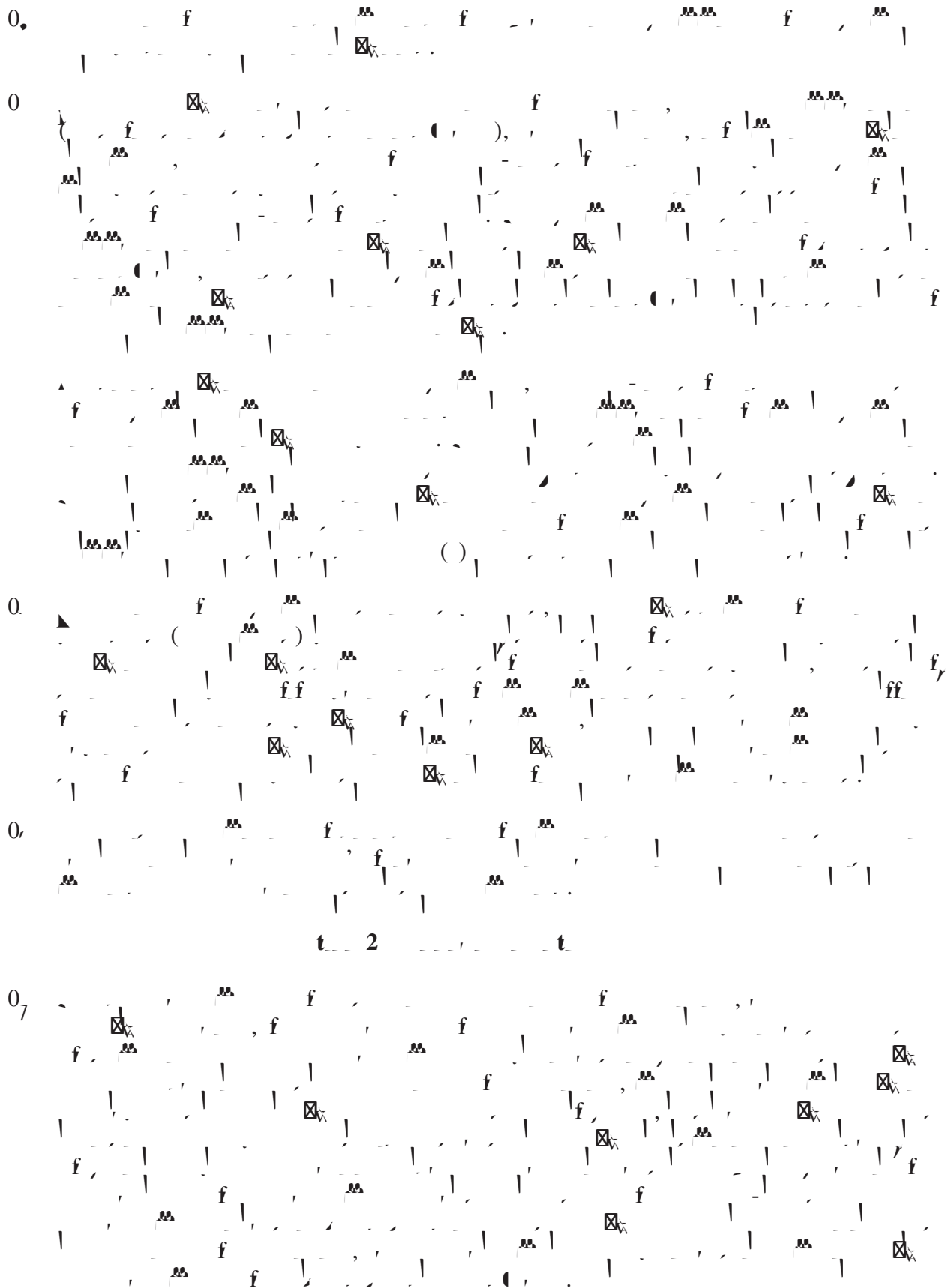


(1)

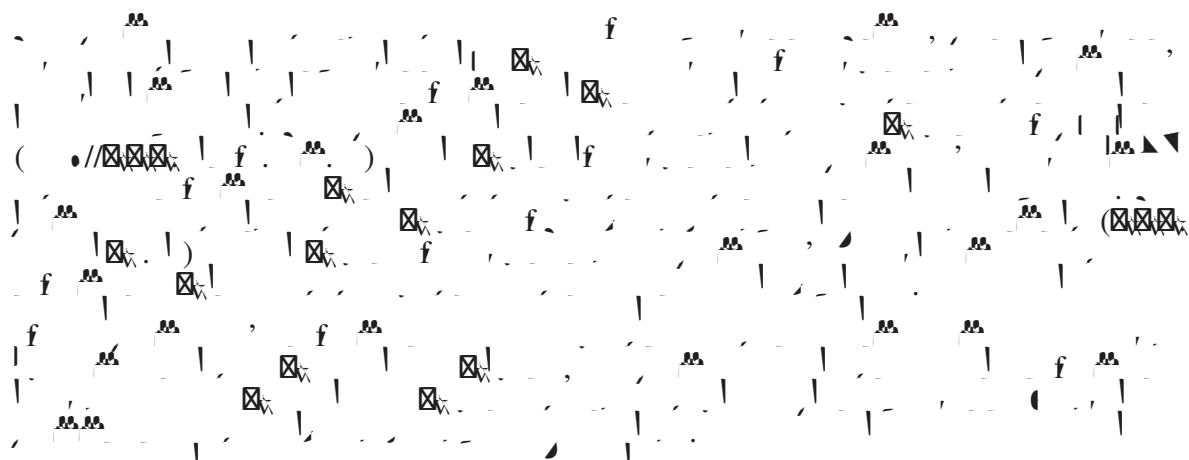
(2)

(.)

(--)



0



t_{12} , , t t

t_1 , , t , t t

10



11



1

1.

[illegible]

[illegible]

2

10

0

0

2.

ff

f

f

2

ff

f

ff

2.

[illegible][illegible]

t 13 t t t t

[illegible]

(1) 

[illegible][illegible]

()

$\square_{\lambda}^{\bullet} f = \sum_{\mu \vdash n} c_{\mu}^{\lambda} f_{\mu}$, where $c_{\mu}^{\lambda} = \frac{f_{\lambda}}{f_{\mu}}$ if $\lambda \leq \mu$ and $c_{\mu}^{\lambda} = 0$ otherwise.

(1)

$\square_{\lambda}^{\bullet} f = \sum_{\mu \vdash n} c_{\mu}^{\lambda} f_{\mu}$

[illegible]

t 15 , **t** _____

 $\mathbf{f}$

(1)

Diagram (1) illustrates a 2D lattice structure. The left and right boundaries are labeled "0%" and "f" respectively. The top and bottom boundaries are labeled "f" and "ff" respectively. The lattice contains various symbols: small black dots, small black squares, and small black circles. The symbols are arranged in a pattern that suggests a specific physical configuration or state.

(2)

()

(.)

The diagram illustrates a flow or process starting from a point labeled f . It branches into two parallel paths, each represented by a box containing three small circles. These paths converge through a series of downward and rightward connections, ending at a final node.

$$\begin{array}{ccccccc} & \textcircled{\bullet} & & \textcircled{\bullet\bullet} & & \textcircled{\times_{N_1}} & \\ f & \downarrow & f & \downarrow & f & \downarrow & f \\ \textcircled{\bullet} & & \textcircled{\bullet} & & \textcircled{\times_{N_1}} & & \textcircled{\times_{N_1}} \\ f & \downarrow & f & \downarrow & f & \downarrow & f \\ & \textcircled{\bullet} & & \textcircled{\times_{N_1}} & & \textcircled{\times_{N_1}} & \end{array}$$
[illegible][illegible]