

## 概 報

552:535

### カラーインデックス

田中 憲一\* 片田 正人\*\*

#### Colour Index

By

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岩石薄片を観察する場合に、特定の鉱物の量比を測定しなければならぬことが少なくない。たとえば、花崗岩類の構成鉱物間の量比、火山岩類の有色鉱物の量比、砂岩のマトリックスの量比などである。そうした際に簡便に測定することを目的として試作したのがこの図である。

この各図に示したパーセント数は、各円全体に対する暗色部の面積比である。たとえば 20% というのは、暗色部の面積が全体の 20% で白色部は全体の 80% である。

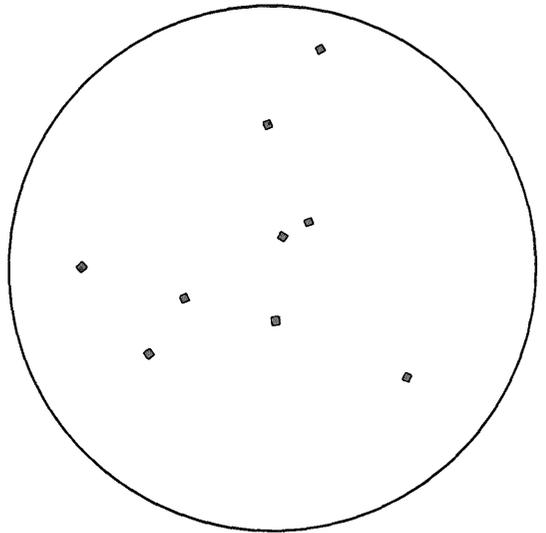
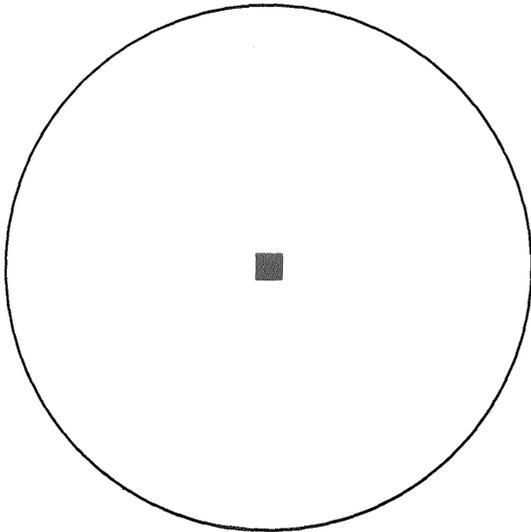
図を作る方法は暗色の合成樹脂フィルムのカットの重量を測定することによって、面積を求め、各円内に貼付したものである。くわしい方法は地質ニュース No. 140 (1966) をみていただきたい。その際温度・湿度に対する伸縮性がほとんどなく、かつ厚さの一定したフィルムを利用することにより、誤差をきわめて小さくすることができた。

もとより、初めての仕事なので、不備の点も多いことと思う。多方面の御意見・御要望をいただければ幸いです。  
(1965 年 10 月)

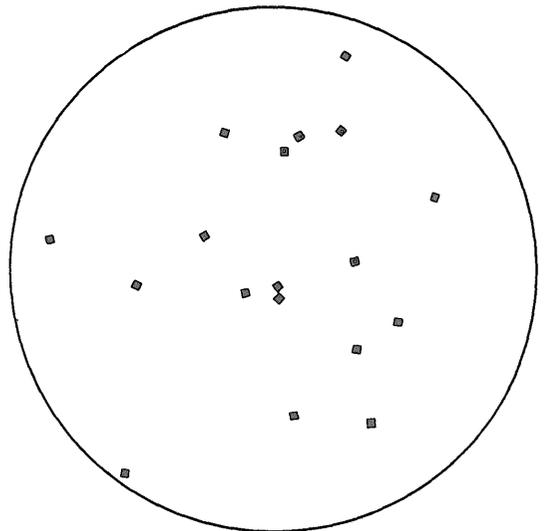
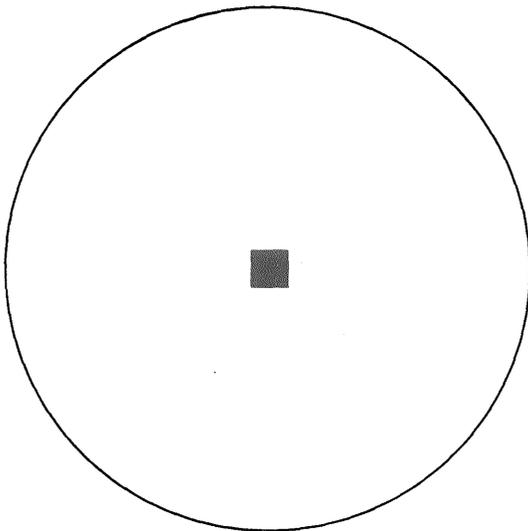
\* 資料課

\*\* 地質部

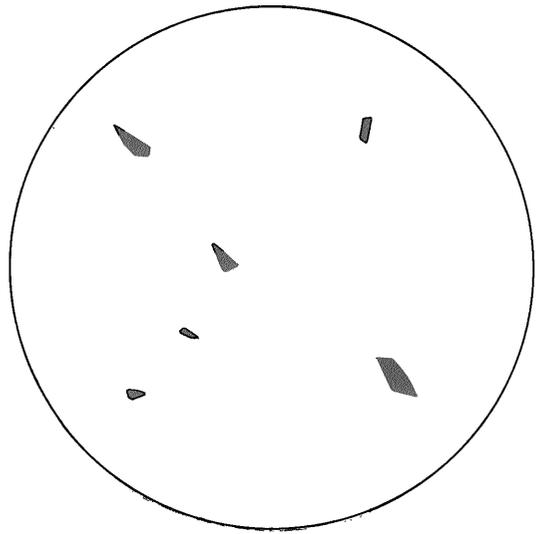
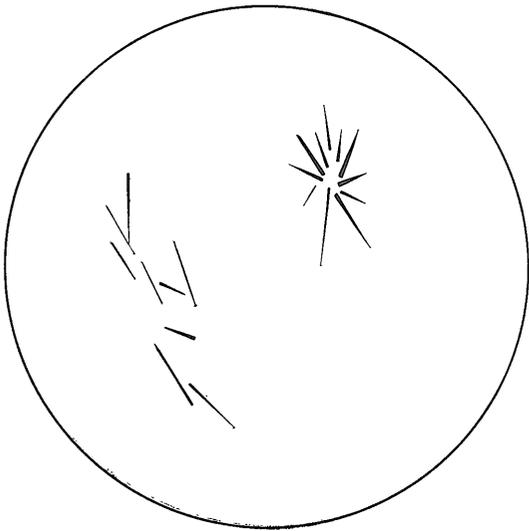
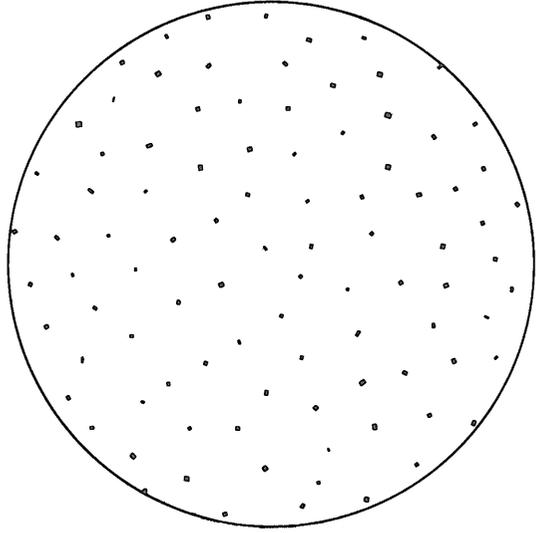
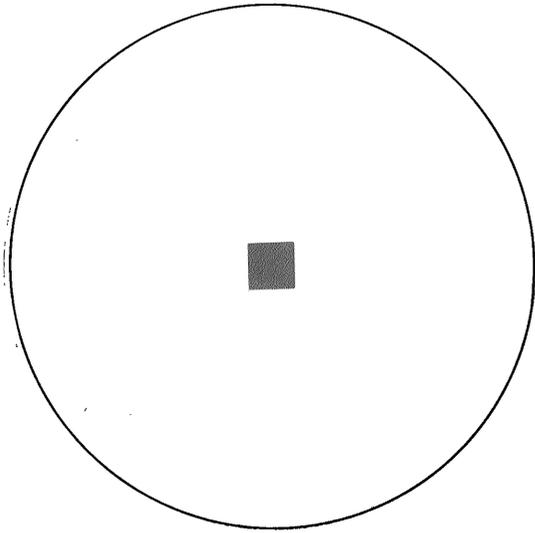
0.33 %



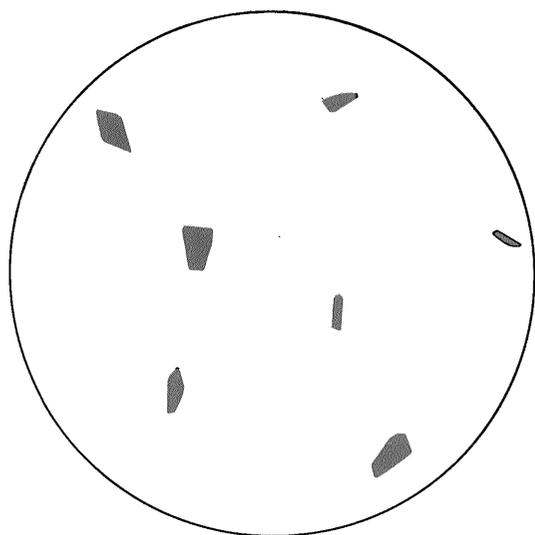
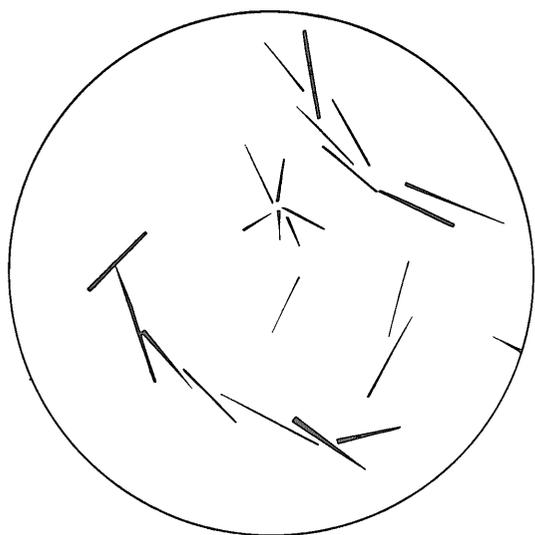
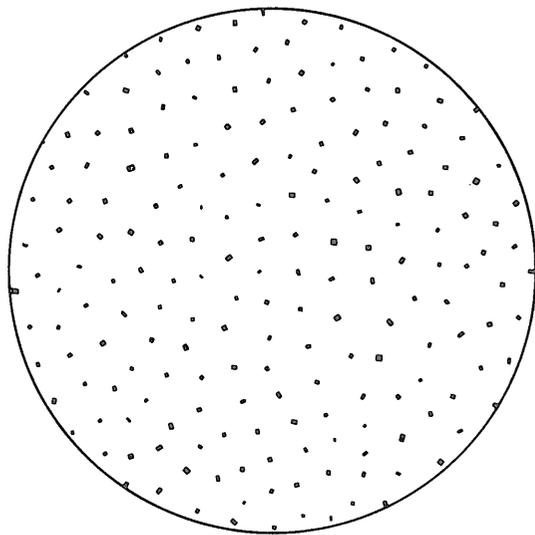
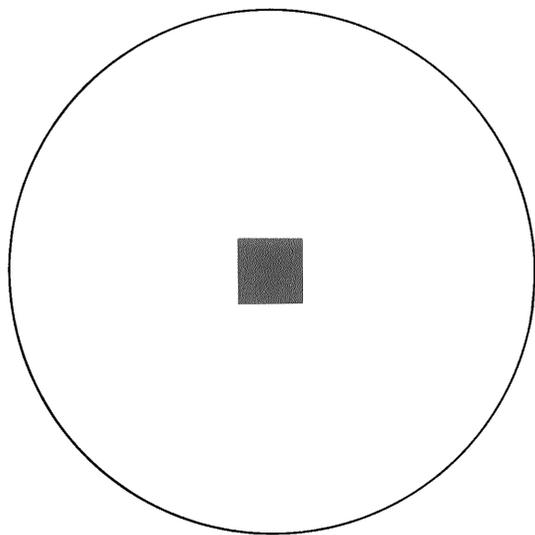
0.66 %



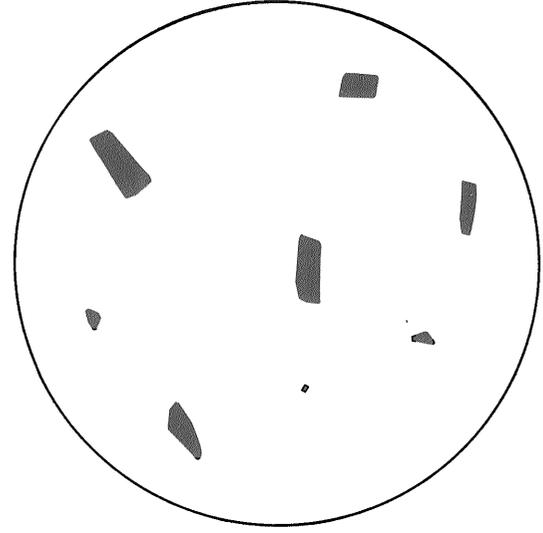
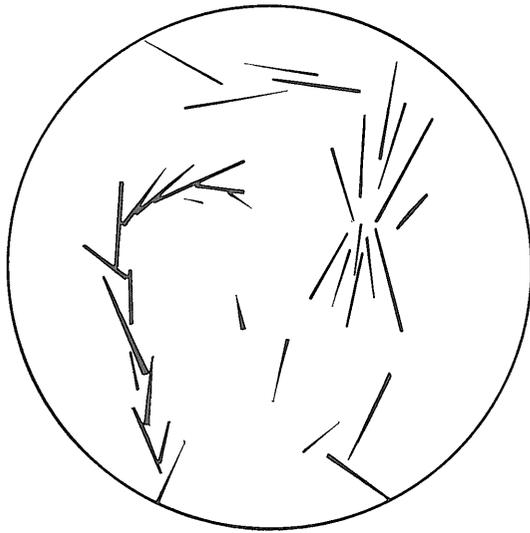
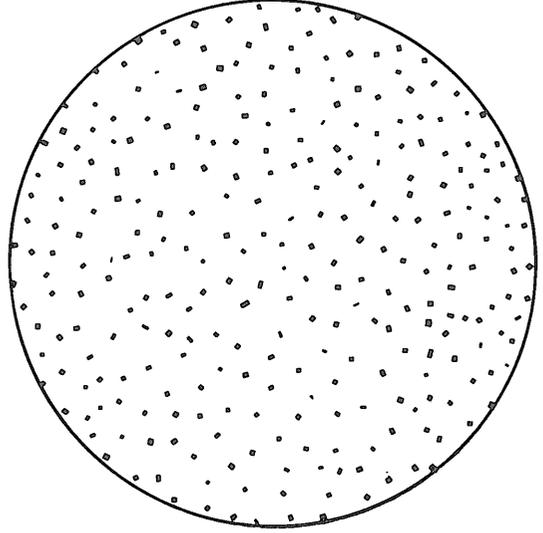
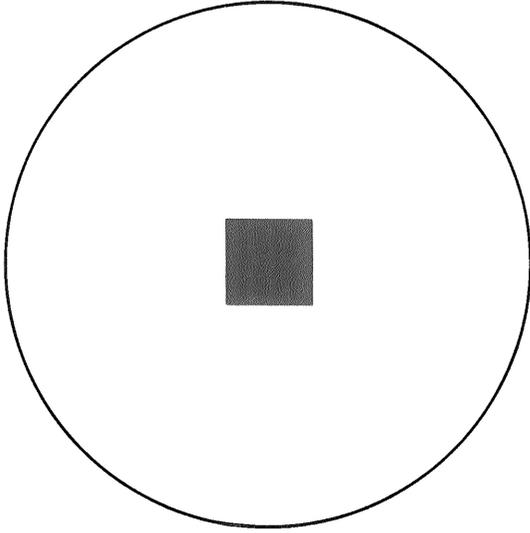
1 %



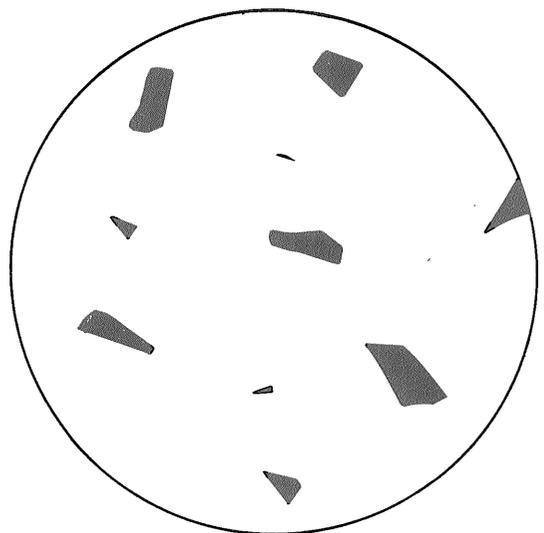
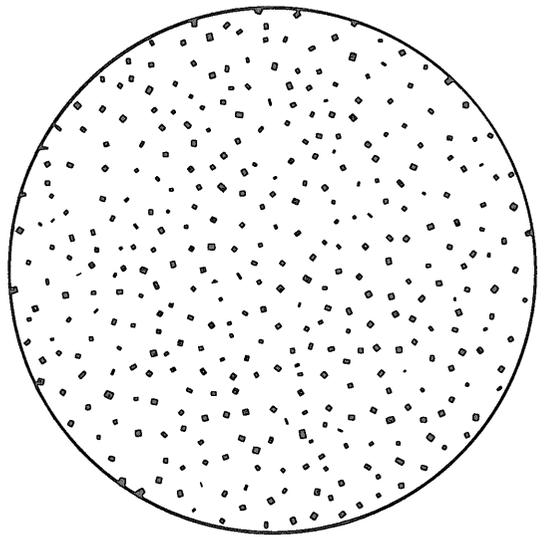
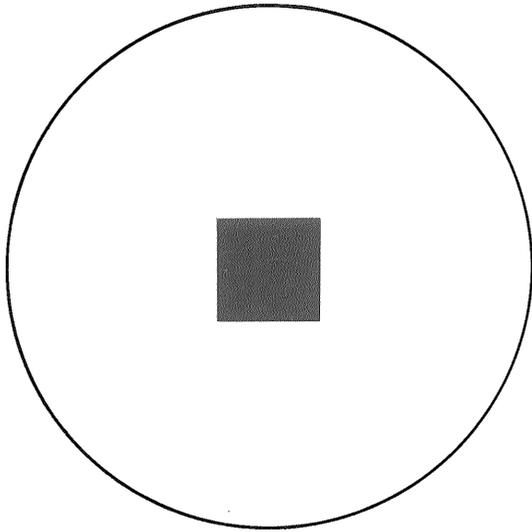
2 %



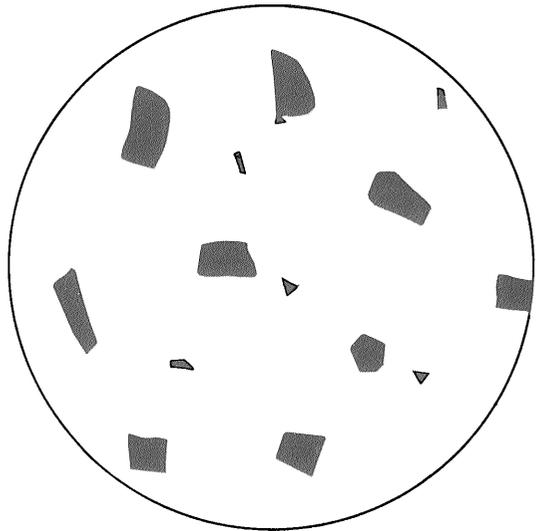
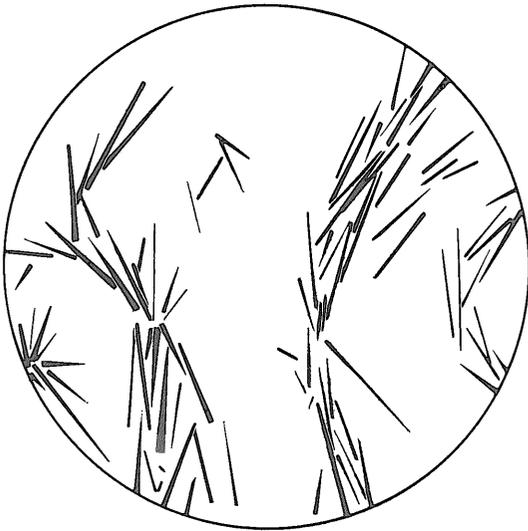
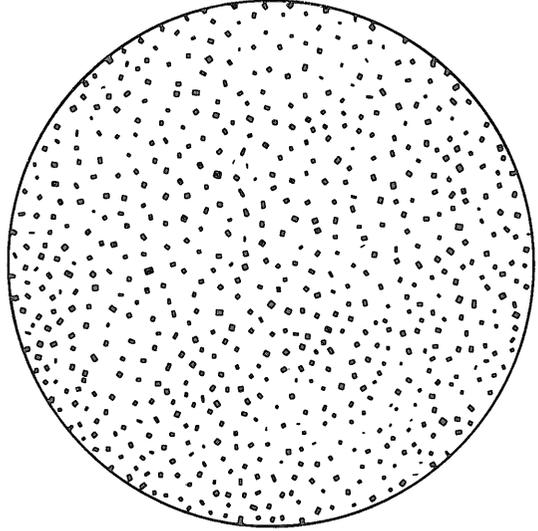
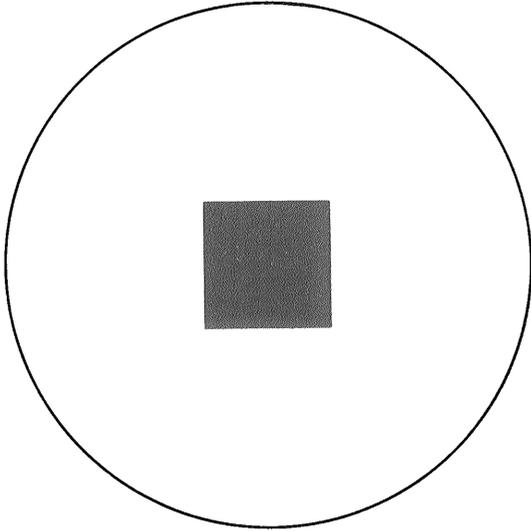
3 %



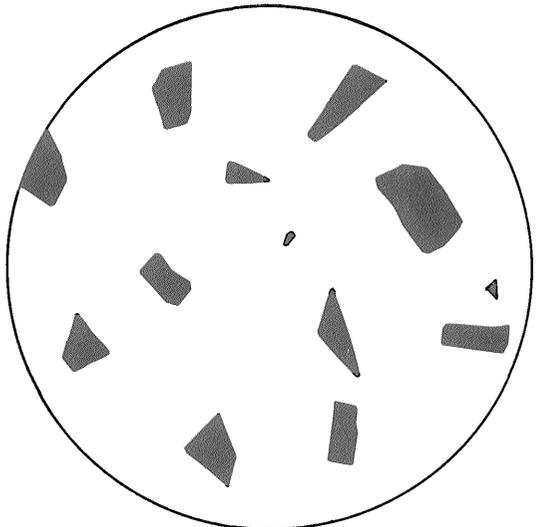
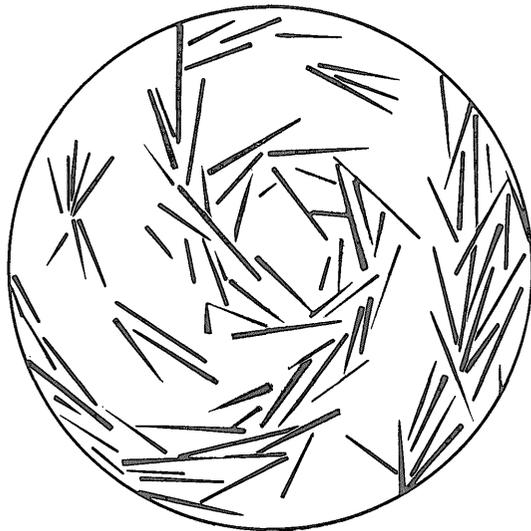
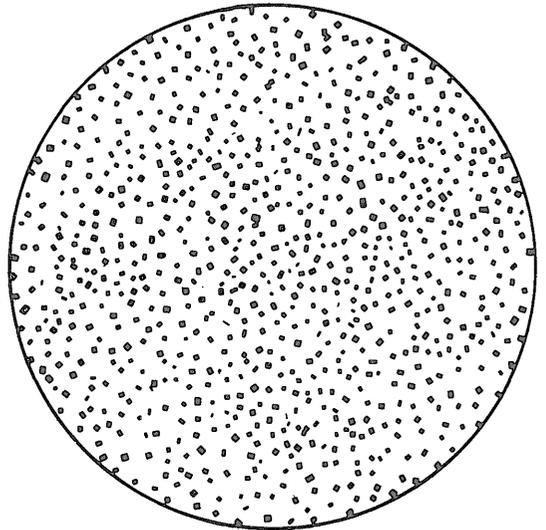
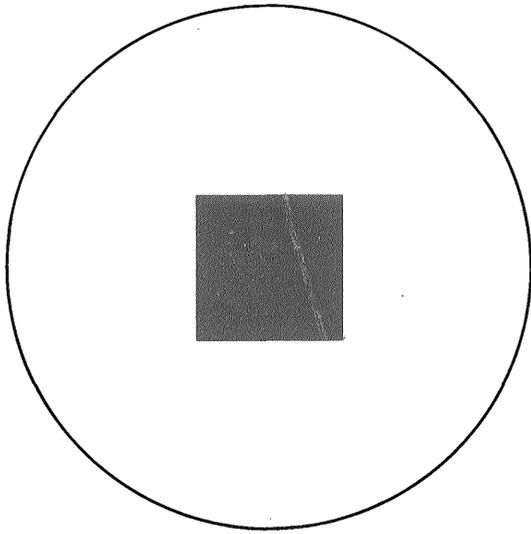
5 %



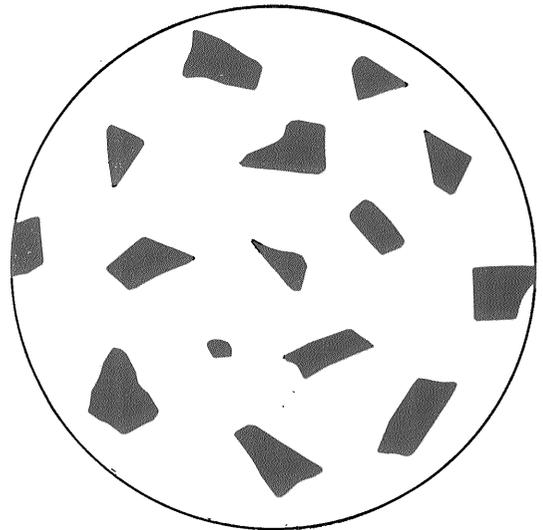
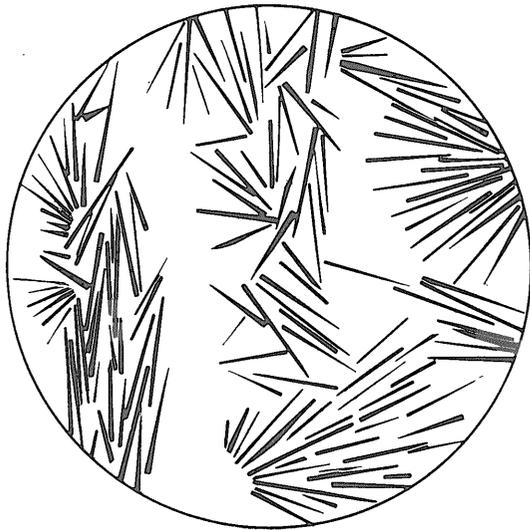
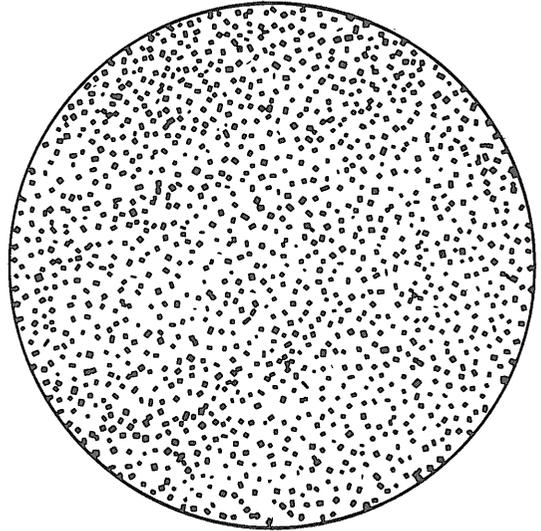
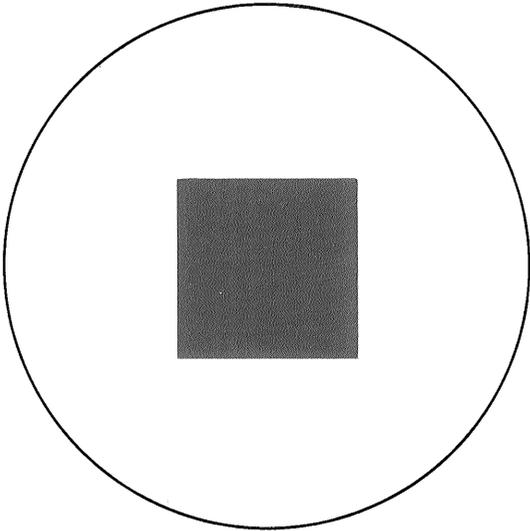
7.5 %



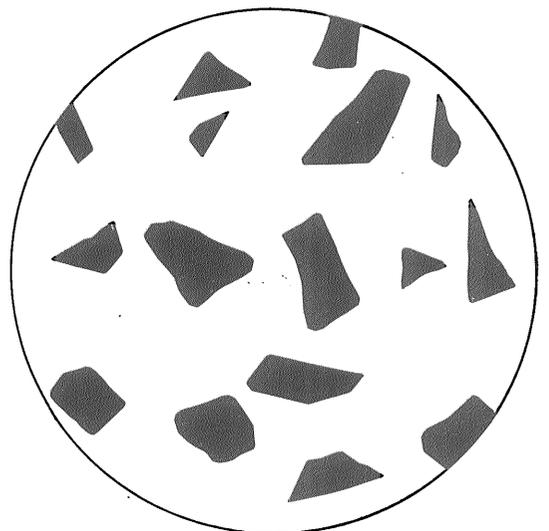
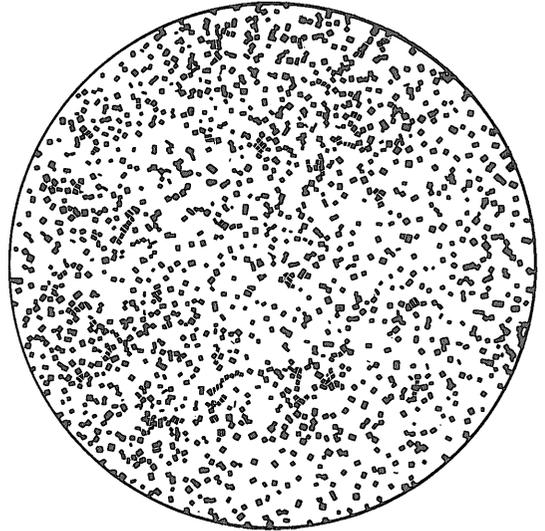
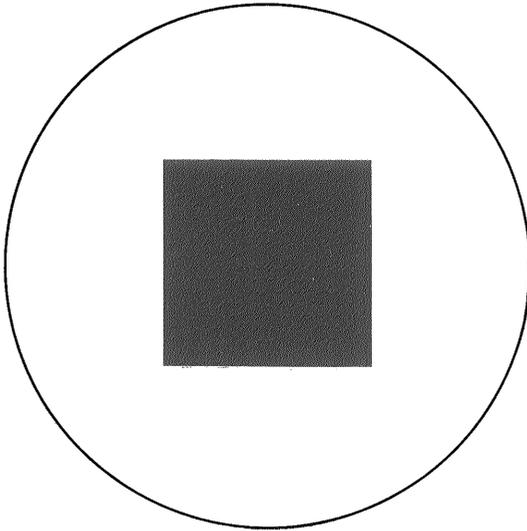
10 %



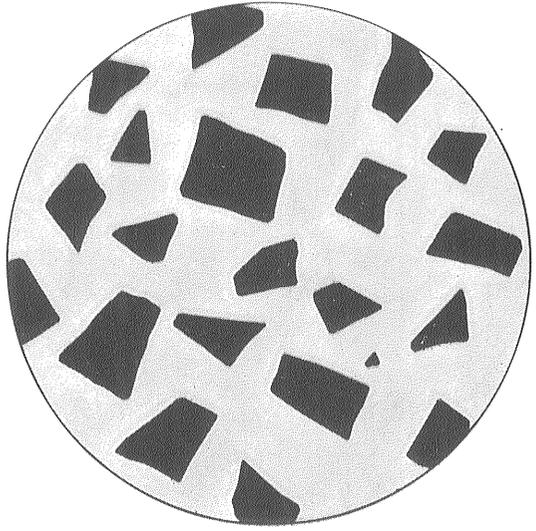
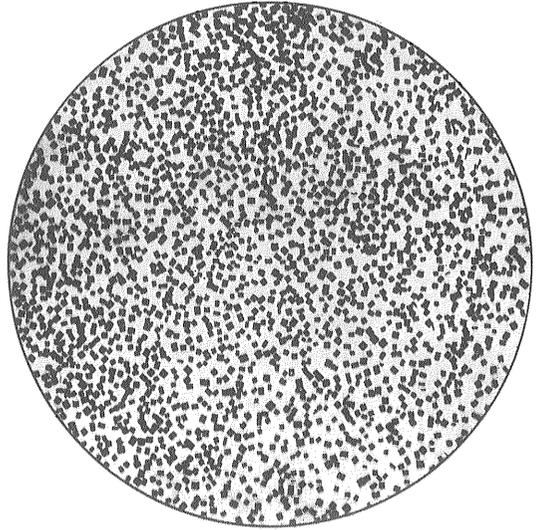
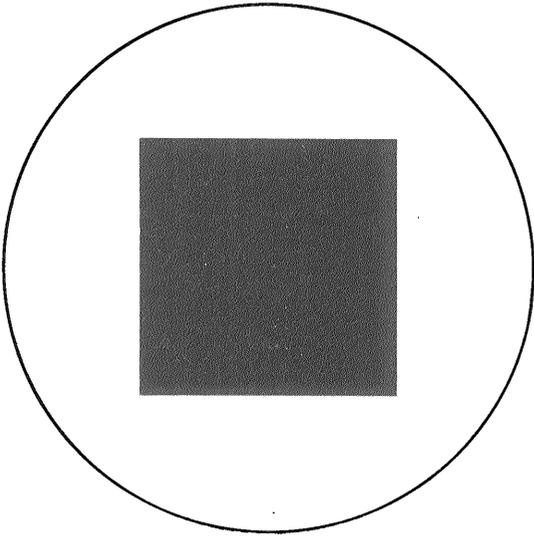
15 %



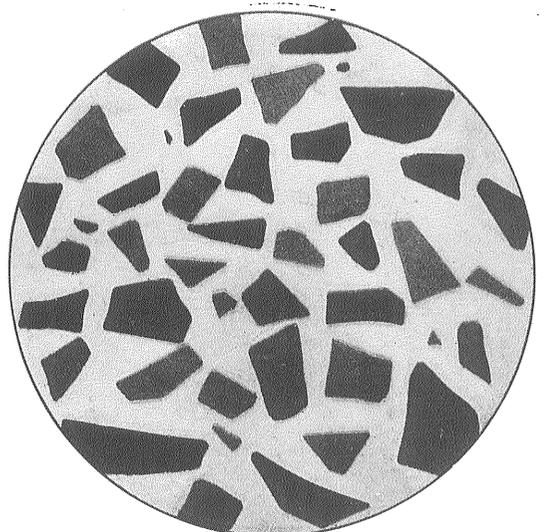
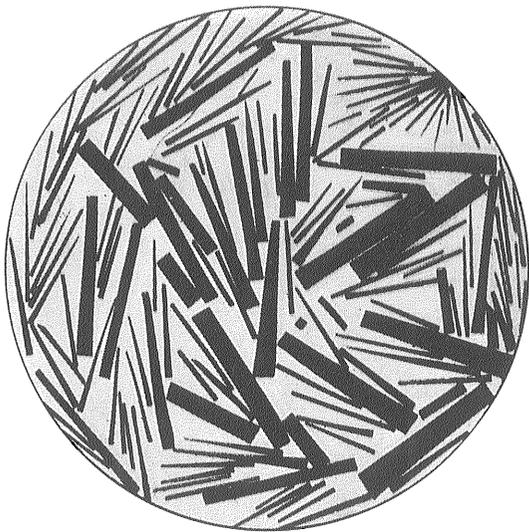
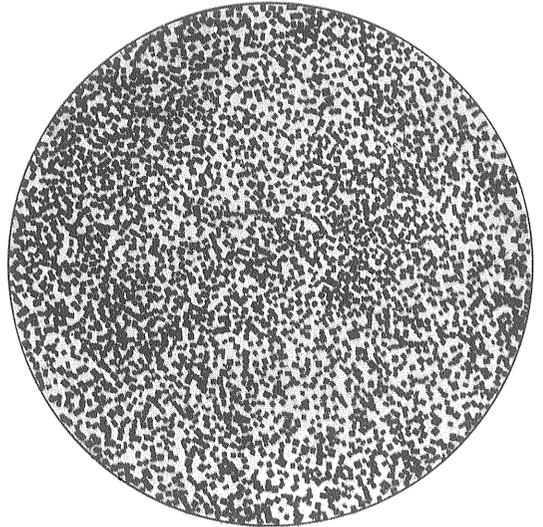
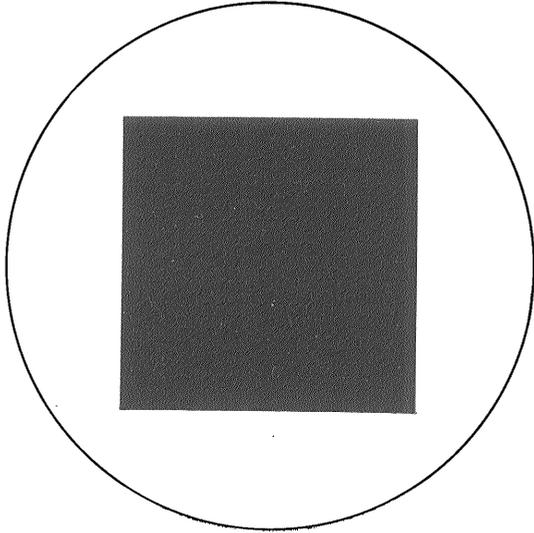
20 %



30 %

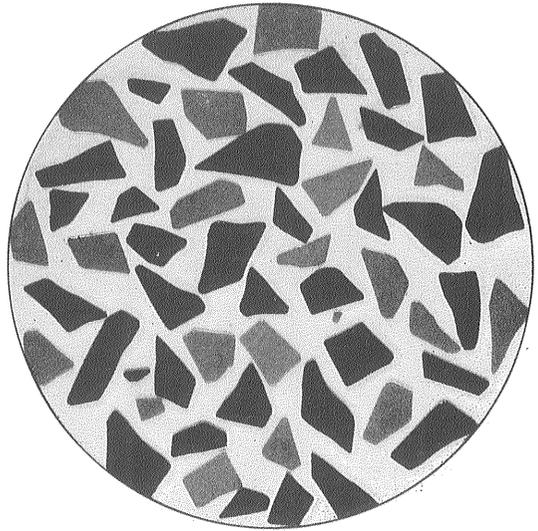
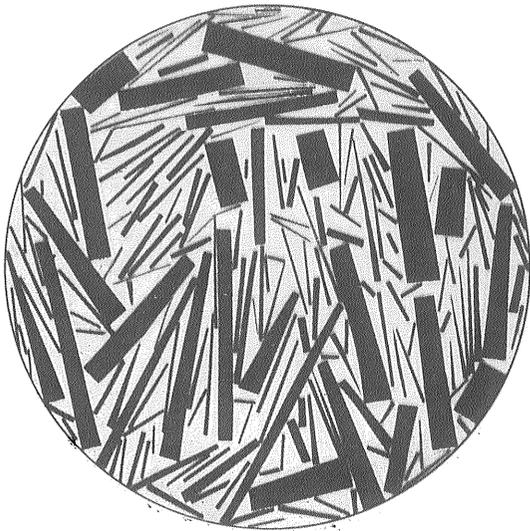
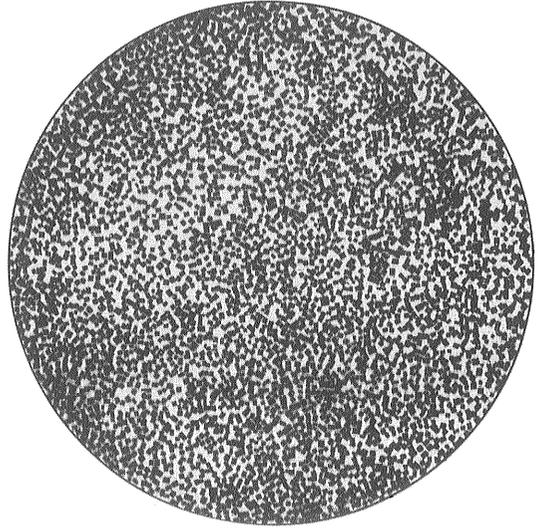
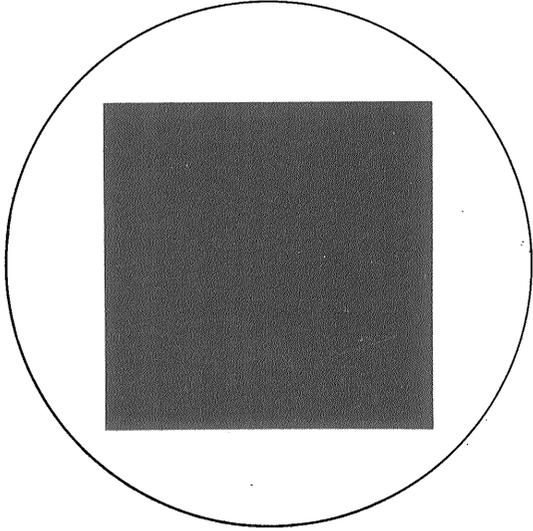


40 %



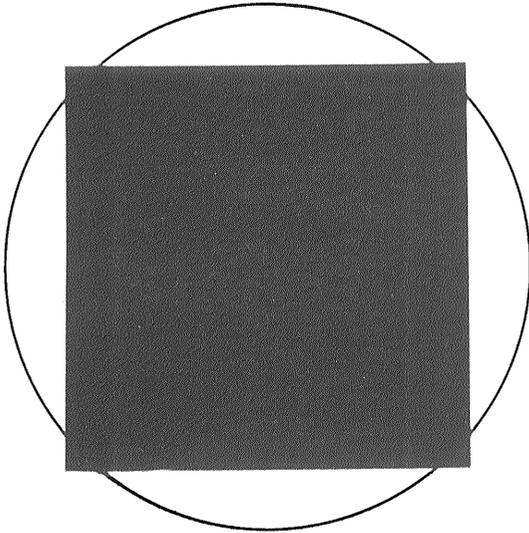
黒 (black) 25 %  
灰 (gray) 15 %

50 %

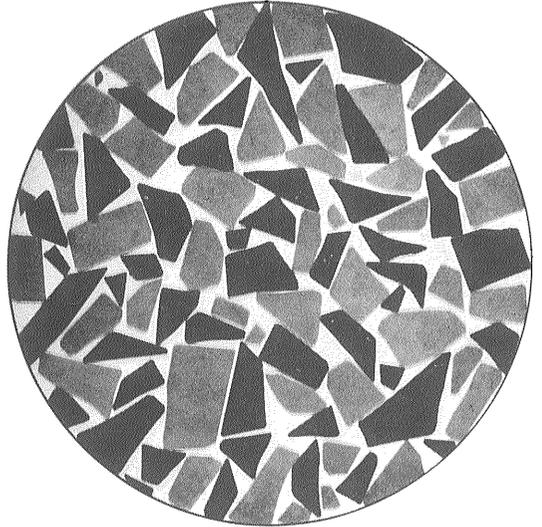


黒 (black) 33.3 %  
灰 (gray) 16.7 %

75 %

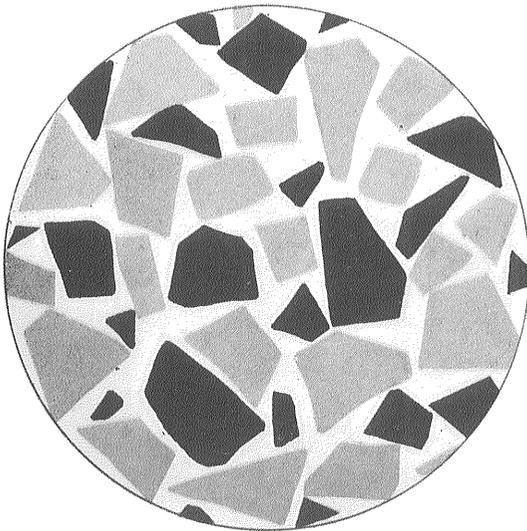


75 %



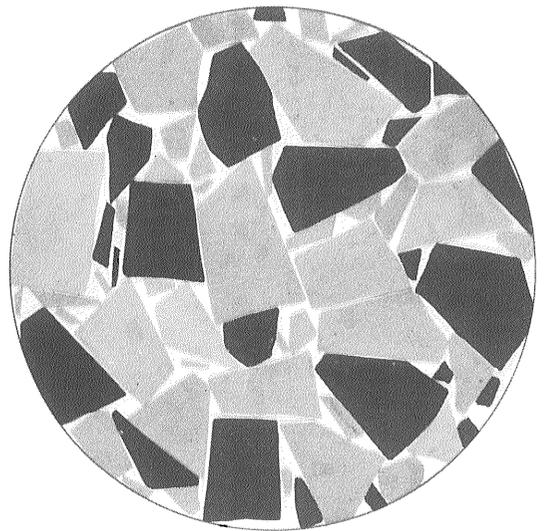
黒 (black) 37.5 %  
灰 (gray) 37.5 %

65 %



黒 (black) 25 %  
灰 (gray) 40 %

85 %



黒 (black) 35 %  
灰 (gray) 50 %