



# BÜTÜNLEŞİK KALİTE YÖNETİM SİSTEMİ GERÇEKLEŞTİRME KANIT FORMU

<b>Birim</b>	Fen Edebiyat Fakültesi
<b>Alt Birim</b>	Matematik Bölümü
<b>Dönem</b>	
<b>Gerçekleşme Tarihi</b>	09.03.2022
<b>Gerçekleştirilen Faaliyet Adı</b>	Generalized Sobolev–Morrey estimates for hypoelliptic operators on homogeneous groups
<b>Gerçekleştirilemeyen Faaliyetler İçin Gerekçe</b>	
<b>Faaliyet Gerçekleştirme Açıklaması</b>	<b>Vagif S. Guliyev’in 09.03.2022 tarihinde saat 14.30 da “Generalized Sobolev–Morrey estimates for hypoelliptic operators on homogeneous groups” adlı semineri “https://meet.ahievran.edu.tr/b/fat-x6o-uvj-w6v” adresinden online olarak gerçekleştirilmiştir.</b>
<b>Faaliyet Gerçekleştirme Kanıt Görseli</b>	



# BÜTÜNLEŞİK KALİTE YÖNETİM SİSTEMİ GERÇEKLEŞTİRME KANIT FORMU

The screenshot shows a Zoom meeting interface. The main window displays a presentation slide titled "Generalized Morrey spaces". The slide content is as follows:

We find it convenient to define the generalized Morrey spaces in the form as follows.

**Generalized Morrey spaces**

Let  $1 \leq p < \infty$  and  $\varphi(x, r)$  be a positive measurable function on  $\mathbb{G} \times (0, \infty)$ . The generalized Morrey space  $M_{p, \varphi}(\mathbb{G})$  is defined of all functions  $f \in L_p^{loc}(\mathbb{G})$  by the finite norm

$$\|f\|_{M_{p, \varphi}(\mathbb{G})} = \sup_{x \in \mathbb{G}, r > 0} \frac{r^{-\frac{Q}{p}}}{\varphi(x, r)} \|f\|_{L_p(B(x, r))}.$$

Also the weak generalized Morrey space  $WM_{p, \varphi}(\mathbb{G})$  is defined of all functions  $f \in L_p^{loc}(\mathbb{G})$  by the finite norm

$$\|f\|_{WM_{p, \varphi}(\mathbb{G})} = \sup_{x \in \mathbb{G}, r > 0} \frac{r^{-\frac{Q}{p}}}{\varphi(x, r)} \|f\|_{WL_p(B(x, r))}.$$

The Zoom meeting interface includes a sidebar with a list of participants, a chat window, and a top navigation bar. The meeting title is "Mart Ay Bölüm Semineri-Prof. Vagif GULIYEV".

Değerlendirme: